

Author Index*

A

Abel N (see Rumbak et al.). 1996;132:1281-5 (Brief comm.)
Abel W (see Rumbak et al.). 1996;132:1281-5 (Brief comm.)
Abinader EG (see Goldhammer and Abinader). 1996;132:1298-9 (Brief comm.)
Abramsom SV (see Rials et al.). 1996;132:989-94
Adachi K (see Saito et al.). 1996;132:642-7
Adams DH (see Greaves et al.). 1996;132:572-8
Adler SW (see Iskos et al.). 1996;132:116-9
Africano C (see Cassone et al.). 1996;132:1048-9 (Brief comm.)
Ageishi Y (see Kitazume et al.). 1996;132:711-6
Aguirre FV (see Tron et al.). 1996;132:508-15
Ajisaka R, Watanabe S, Yamanouchi T, Masuoka T, Sugishita Y. Effect of percutaneous transluminal coronary angioplasty on exercise ventilation in patients with coronary artery disease and normal left ventricular function. 1996;132:48-53
Akaike M (see Saito et al.). 1996;132:642-7
Akhtar M (see Li et al.). 1996;132:986-8
Akosah KO (see Kontos et al.). 1996;132:559-66
Alali ARK (see Bashour et al.). 1996;132:1028-30
Alderman M (see Neutel et al.). 1996;132:1202-6
Alegria JG (see Cocina et al.). 1996;132:1306-7 (Brief comm.)
Alexander JJ (see Wells et al.). 1996;132:882-3 (Brief comm.)
Allen HD (see Rowland et al.). 1996;132:1075-7 (Brief comm.)
Allen KM (see Coplan et al.). 1996;132:1222-5 (Curriculum cardiol.)
Allton IL (see Okada et al.). 1996;132:108-15
Aloor RK (see Vijay et al.). 1996;132:897-9 (Brief comm.)
Altman DB, Fahey FJ, Sanborn TA. Bailout stenting for extensive dissection complicating direct infarct angioplasty. 1996;132:191-2 (Brief comm.)
—, Racz M, Battlement DS, Bergman G, Spokoyny A, Hannan EL, Sanborn TA. Reduction in angioplasty complications after the introduction of coronary stents: results from a consecutive series of 2242 patients. 1996;132:503-7
Amato M (see Stratmann et al.). 1996;132:536-41
Amirian J (see Feld et al.). 1996;132:747-57
Anand A, Anand N, Anand A. Primary cardiac fibrosarcoma. 1996;132:1320-1 (Letter)
Anand A (see Anand et al.). 1996;132:1320-1 (Letter)
Anand N (see Anand et al.). 1996;132:1320-1 (Letter)
Anders RJ (see Neutel et al.). 1996;132:1202-6
Angelini A, Bassi C, Nava A, Thiene G. Endomyocardial biopsy in arrhythmogenic right ventricular cardiomyopathy. 1996;132:203-6 (Editorial)
Ansell JE, Hughes R. Evolving models of warfarin management: anticoagulation clinics, patient self-monitoring and patient self-management. 1996;132:1095-1100 (Editorial)
Antman EM. Magnesium in acute myocardial infarction: overview of available evidence. 1996;132:487-95 (Symposium)
— (see Greaves et al.). 1996;132:572-8
Arakaki Y (see Shimizu et al.). 1996;132:699-701 (Brief comm.)
Arakawa K (see Kawaguchi et al.). 1996;132:9-12
Aranki SF (see Greaves et al.). 1996;132:572-8
Archer SL (see Gustafson et al.). 1996;132:1053-4 (Brief comm.)
Ares M (see Garcia et al.). 1996;132:648-56
Arima S (see Miyata et al.). 1996;132:269-73
Aristizabal D (see Meza et al.). 1996;132:528-35
Armstrong WF (see Bach et al.). 1996;132:721-5
— (see Donovan and Armstrong). 1996;132:884-6 (Brief comm.)
Asayama J (see Kondo et al.). 1996;132:1127-34
Asinger R (see Wang et al.). 1996;132:152-5 (Curriculum cardiol.)
Atallah V (see Coplan et al.). 1996;132:1222-5 (Curriculum cardiol.)
Aurigemma GP (see Faggiano et al.). 1996;132:408-17 (Curriculum cardiol.)
— (see Sharma et al.). 1996;132:194-7 (Brief comm.)
Avasthey P (see Sinha et al.). 1996;132:1268-72 (Brief comm.)
Axtell K (see Li et al.). 1996;132:986-8
Azar RR, Waters DD. The inflammatory etiology of unstable angina. 1996;132:1101-6 (Editorial)
Azuma A (see Kondo et al.). 1996;132:1127-34

Baba T (see Hano et al.). 1996;132:1293-5 (Brief comm.)
Bach DS, Armstrong WF, Donovan CL, Muller DWM. Quantitative Doppler tissue imaging for assessment of regional myocardial velocities during transient ischemia and reperfusion. 1996;132:721-5
Bach RG (see Tron et al.). 1996;132:508-15
Bahu M (see Bogun et al.). 1996;132:758-64
Baker EJ (see Rosenthal et al.). 1996;132:657-63
Baladi NA, Bashour TT, Yap AG, Yakeel DL, Pong T, Podolkin R, Morelli RL, Mason DT, Kerwin W, Emerick R. Papillary muscle rupture after successful coronary artery bypass procedures: report of three cases treated by prompt reoperation. 1996;132:1272-5 (Brief comm.)
— (see Bashour et al.). 1996;132:1050-2 (Brief comm.)
Ball SG, Hall AS. Who should be treated with angiotensin-converting enzyme inhibitors after myocardial infarction? 1996;132:244-50 (Symposium)
Ballal RS, Eisenberg MJ, Ellis SG. Training in cardiac catheterization at high-volume and low-volume centers: Is there a difference in case mix? 1996;132:460-2 (Editorial)
Banitt PF. Total anomalous pulmonary venous connection to unroofed coronary sinus in patient with no symptoms. 1996;132:886-8 (Brief comm.)
Barbee RW (see Kates et al.). 1996;132:303-13
— (see Meza et al.). 1996;132:871-81 (Prog. cardiol.)
Barbour SI, Louie EK, O'Keefe JP. Penetration of the atrioventricular septum by spread of infection from aortic valve endocarditis: early diagnosis by transesophageal echocardiography and implications for surgical management. 1996;132:1287-9 (Brief comm.)
Bartorelli AL (see De Cesare et al.). 1996;132:716-20
Bashour TT, Alali ARK, Mason DT, Saalouke M. Echinococcosis of the heart: clinical and echocardiographic features in 19 patients. 1996;132:1028-30
—, Chen F, Yap A, Mason DT, Baladi N. Fatal myocardial ischemia caused by compression of the left coronary system by a large left sinus of Valsalva aneurysm. 1996;132:1050-2 (Brief comm.)
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— (see Baladi et al.). 1996;132:1272-5 (Brief comm.)
Basso C (see Angelini et al.). 1996;132:203-6 (Editorial)
— (see Valente and Basso). 1996;132:1321 (Letter reply)
Battleman DS (see Altman et al.). 1996;132:503-7
Bauerlein EJ (see Bilsker et al.). 1996;132:1093-4 (Brief comm.)
Bebwari M (see Vijay et al.). 1996;132:897-9 (Brief comm.)
Beekman RH III (see Hijazi et al.). 1996;132:827-35
Belardinelli R, Georgiou D, Cianci G, Purcaro A. Effects of exercise training on left ventricular filling at rest and during exercise in patients with ischemic cardiomyopathy and severe left ventricular systolic dysfunction. 1996;132:61-70
Belli M (see Lucia et al.). 1996;132:187-9 (Brief comm.)
Benditt DG (see Iskos et al.). 1996;132:116-9
Benito F, Jimenez S, Sanchez C, Garcia J. Double-balloon dilatation of a stenosed bioprosthetic tricuspid valve in repaired tetralogy of Fallot. 1996;132:891-2 (Brief comm.)
Benoit CH (see Mandak et al.). 1996;132:1063-6 (Brief comm.)
Berg RA (see Kern et al.). 1996;132:1156-62
Berglund H (see Kim et al.). 1996;132:1163-72
— (see Nishioka et al.). 1996;132:1265-7 (Brief comm.)
Bergman G (see Altman et al.). 1996;132:503-7
Berni A (see Nigri et al.). 1996;132:698-9 (Brief comm.)
Berling J (see Bonarjee et al.). 1996;132:71-7
Bertolasi CA (see Gagliardi et al.). 1996;132:946-51
Bhagwat AR, Hoit BD. Respiratory variation of carotid artery flow in cardiac tamponade. 1996;132:1068-70 (Brief comm.)
—, Maze SS. Atrial septal defect: increase in left-to-right shunt after myocardial infarction. 1996;132:1308-9 (Brief comm.)
Bhargava V (see Kimura et al.). 1996;132:328-36
Bianchi A (see Pasquetti et al.). 1996;132:1081-4 (Brief comm.)
Biehl M (see Li et al.). 1996;132:986-8
Bienenfeld L, Frishman W, Glasser SP. The placebo effect in cardiovascular disease. 1996;132:1207-21 (Curriculum cardiol.)
Bilge A, Pierard LA, Kulbertus HE. Isolated cardiac metastasis of

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adrenal carcinoma: transesophageal echocardiographic features. 1996;132:1066-8 (Brief comm.)

Bilsker MS, Bauerlein EJ, Kamerman ML. Bullet embolus from the heart to the right subclavian artery after gunshot wound to the right chest. 1996;132:1093-4 (Brief comm.)

Binkley PF (see Tice et al.). 1996;132:621-7

Birnbaum Y (see Hale et al.). 1996;132:258-62

Biro S (see Miyata et al.). 1996;132:269-73

Bjerrregard P (see Bleyer et al.). 1996;132:1304-6 (Brief comm.)

Björnstad K, Duran RM, Nassau KG, Gometza B, Hatle LK, Duran CMG. Clinical and echocardiographic follow-up after aortic valve reconstruction with bovine or autologous pericardium. 1996;132:1173-8

Black IW (see Grimm et al.). 1996;132:286-96

Blankz Z (see Li et al.). 1996;132:986-8

Blanksma PK (see Posma et al.). 1996;132:1020-7

— (see Posma et al.). 1996;132:1031-41 (Curriculum cardiol.)

Blefari T (see Cassone et al.). 1996;132:1048-9 (Brief comm.)

Bleyer FL, Quattromani A, Caracciolo EA, Bjerrregard P. An aggressive approach in converting resistant atrial fibrillation. 1996;132:1304-6 (Brief comm.)

Blondheim D (see Marmor et al.). 1996;132:1195-201

Bogun F, Daoud E, Goyal R, Harvey M, Knight B, Weiss R, Bahu M, Man KC, Strickberger SA, Morady F. Comparison of atrial-His intervals in patients with and without dual atrioventricular nodal physiology and atrioventricular nodal reentrant tachycardia. 1996;132:758-64

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Bondanini F (see Cassone et al.). 1996;132:1048-9 (Brief comm.)

Booth DC (see Marcus et al.). 1996;132:1275-7 (Brief comm.)

Borer JS (see Chen et al.). 1996;132:343-7

Borggrefe M (see Enbergs et al.). 1996;132:1263-5 (Brief comm.)

Boudoulas H (see Malkowski et al.). 1996;132:145-51

Bouillianne O, Millaire A, de Groote P, Puisieux F, Cesbron JY, Jude B, Hatron PY, Ducloux G. Prevalence and clinical significance of antiphospholipid antibodies in heart valve disease: a case-control study. 1996;132:790-5

Bourne MW (see Steffens et al.). 1996;132:156-73 (Prog. cardiol.)

Bozkurt B (see Nagueh et al.). 1996;132:1070-3 (Brief comm.)

Brand FN, Larson MN, Friedman LM, Kannel WB, Castelli WP. Epidemiologic assessment of angina before and after myocardial infarction: the Framingham Study. 1996;132:174-8 (Prog. cardiol.)

Branzi A (see Tartagni et al.). 1996;132:1042-7 (Prog. cardiol.)

Brath LK (see Kontos et al.). 1996;132:559-66

Breall WS (see Friedman et al.). 1996;132:933-7

Breithardt G (see Enbergs et al.). 1996;132:1263-5 (Brief comm.)

Brili S (see Van Praagh et al.). 1996;132:382-90

— (see Van Praagh et al.). 1996;132:391-402

Brodsky MA (see Douban et al.). 1996;132:664-71 (Curriculum cardiol.)

Brown KF (see Vlietstra et al.). 1996;132:1049-50 (Brief comm.)

Brundage BH (see Wang et al.). 1996;132:550-8

Buettner GR (see Lindauer et al.). 1996;132:1147-55

Buogni A (see Lucia et al.). 1996;132:187-9 (Brief comm.)

C

Caidahl K (see Bonarjee et al.). 1996;132:71-7

Caioia S (see Lucia et al.). 1996;132:187-9 (Brief comm.)

Calzolari A (see Drago et al.). 1996;132:280-5

Cameron DE (see Osaki et al.). 1996;132:836-40

Canter CE (see Osaki et al.). 1996;132:836-40

Cantwell P (see Kohli et al.). 1996;132:198-200 (Brief comm.)

Cao Q-L (see Magni et al.). 1996;132:376-81

Capomolla S (see Traversi et al.). 1996;132:909-19

Caracciolo EA (see Bleyer et al.). 1996;132:1304-6 (Brief comm.)

Cardiac Insufficiency Bisoprolol Study (see Copie et al.). 1996;132:369-75

Carlsen J (see Torp-Pedersen et al.). 1996;132:235-43 (Symposium)

Carracciolo EA (see Tron et al.). 1996;132:508-15

Carstensen S (see Bonarjee et al.). 1996;132:71-7

Case CL (see Johnson et al.). 1996;132:120-4

— (see Miga et al.). 1996;132:776-8

Caserota T (see Rowland et al.). 1996;132:1075-7 (Brief comm.)

Cassidy MM (see Milani et al.). 1996;132:726-32

Cassone R, Moroni C, Parlapiano C, Bondanini F, Blefari T, Africano C. Endothelin-1 plasma levels in essential hypertension: increased levels with coronary artery disease. 1996;132:1048-9 (Brief comm.)

Castelli WP (see Brand et al.). 1996;132:174-8 (Prog. cardiol.)

Caterine MR (see Lindauer et al.). 1996;132:1147-55

Cesari M, Pavan E, Sacchetto A, Rossi GP. Endothelin-1: A scientist's curiosity, or a real player in ischemic heart disease? 1996;132:1236-43 (Prog. cardiol.)

Cesbron JY (see Bouillianne et al.). 1996;132:790-5

Chakko S, Fernandez A, Sequeira R, Kessler KM, Myerburg RJ. Heart rate variability during the first 24 hours of successfully reperfused acute myocardial infarction: paradoxical decrease after reperfusion. 1996;132:586-92

Chambers JD Jr, Haire WD, Deligonul U. Multiple early percutaneous transluminal coronary angioplasty failures related to lupus anticoagulant. 1996;132:189-90 (Brief comm.)

Chan H-w (see Lee et al.). 1996;132:1135-46

Chan K-k (see Lee et al.). 1996;132:1135-46

Chandra S (see Grimm et al.). 1996;132:286-96

Chatterjee K (see Zhu et al.). 1996;132:91-100

Cheirif J (see Kates et al.). 1996;132:303-13

— (see Meza et al.). 1996;132:528-35

— (see Meza et al.). 1996;132:871-81 (Prog. cardiol.)

Chen F (see Bashour et al.). 1996;132:1050-2 (Brief comm.)

Chen J, Okin PM, Roman MJ, Hochreiter C, Devereux RB, Borer JS, Kligfield P. Combined rest and exercise electrocardiographic repolarization findings in relation to structural and functional abnormalities in asymptomatic aortic regurgitation. 1996;132:343-7

Chen M-F (see Ho et al.). 1996;132:457-9 (Brief comm.)

Chen M-z (see Lee et al.). 1996;132:1135-46

Chen W-F (see Liang et al.). 1996;132:1077-9 (Brief comm.)

Cheng TO. Coronary embolism. 1996;132:1314-5 (Letter)

—. Sinus of Valsalva aneurysms. 1996;132:1319 (Letter)

— (see Wang et al.). 1996;132:672-84 (Prog. cardiol.)

Chennareddy SB, Siddique M, Karim MY, Kudesia V. Erythromycin-induced polymorphous ventricular tachycardia with normal QT interval. 1996;132:691-4 (Brief comm.)

Chiariello M (see Indolfi et al.). 1996;132:542-9

Choi WB (see Fawzy et al.). 1996;132:356-60

Chokshi SK (see Rumbak et al.). 1996;132:1281-5 (Brief comm.)

Chou T-C (see Khan and Chou). 1996;132:1089-93 (Brief comm.)

Chua TP (see Chugh et al.). 1996;132:900-4 (Editorial)

Chugh SS, Chua TP, Coats AJS. Peripheral chemoreflex in chronic heart failure: friend and foe. 1996;132:900-4 (Editorial)

Chung J (see Gustafson et al.). 1996;132:1053-4 (Brief comm.)

Cianci G (see Belardinelli et al.). 1996;132:61-70

Ciolfi G (see Traversi et al.). 1996;132:809-19

Cipolla GD (see Thomas et al.). 1996;132:969-72

Clark WA (see Marius-Nunez et al.). 1996;132:805-8

Coats AJS (see Chugh et al.). 1996;132:900-4 (Editorial)

Cocina EG, Rosas G, Ruiz F, Torres F, Alegria JG, Tello R, de Vega NG, de la Calzada CS. Left ventricular pseudoaneurysm: a cause of unilateral pulmonary edema by compressing the left pulmonary artery. 1996;132:1306-7 (Brief comm.)

Cody RJ (see Tice et al.). 1996;132:621-7

Coffeen PR (see Iskos et al.). 1996;132:116-9

Cohen MB, Snow JS, Merkatz KA, Khawaldwala D, Jadonath RL, Goldner BG, Cohen TJ. Suppression of ventricular tachycardia by sotalol in myotonic dystrophy. 1996;132:446-9 (Brief comm.)

Cohen TJ (see Cohen et al.). 1996;132:446-9 (Brief comm.)

Cohn LH (see Greaves et al.). 1996;132:572-8

Collins JJ Jr (see Greaves et al.). 1996;132:572-8

Collins TJ (see Meza et al.). 1996;132:528-35

Conant R (see Ginztzon et al.). 1996;132:733-46

Condorelli M (see Indolfi et al.). 1996;132:542-9

CONSENSUS II multiecho study group (see Bonarjee et al.). 1996;132:71-7

Copie X, Poussset F, Lechat P, Jaillon P, Guize L, Le Heuzey J-Y, Cardiac Insufficiency Bisoprolol Study Investigators. Effects of β -blockade with bisoprolol on heart rate variability in advanced heart failure: analysis of scatterplots of R-R intervals at selected heart rates. 1996;132:369-75

Coplan NL, Curkovic V, Allen KM, Atallah V. Early exercise testing to stratify risk for development of restenosis after percutaneous transluminal coronary angioplasty. 1996;132:1222-5 (Curriculum cardiol.)

Coppola A (see Lucia et al.). 1996;132:187-9 (Brief comm.)

Corbelli C (see Tartagni et al). 1996;132:1042-7 (Prog. cardiol.)
Couper GS (see Greaves et al). 1996;132:572-8
Creager MA (see Goldhaber et al). 1996;132:314-8
Crew JR (see Bashour et al). 1996;132:1285-7 (Brief comm.)
Cunningham MJ (see Narins et al). 1996;132:197-8 (Brief comm.)
Curkovic V (see Copian et al). 1996;132:1222-5 (Curriculum cardiол.)

D
Dalvi B (see Kerkar et al). 1996;132:888-91 (Brief comm.)
— (see Shah et al). 1996;132:696-8 (Brief comm.)
D'Amore PA (see Rohovsky et al). 1996;132:1015-9
Dangas G, Fuster V. Management of restenosis after coronary intervention. 1996;132:428-36 (Prog. cardiol.)
Daoud E (see Bogun et al). 1996;132:758-64
— (see Goyal et al). 1996;132:765-7
David D (see Klein et al). 1996;132:1079-81 (Brief comm.)
Debbas N (see Eeckhout et al). 1996;132:263-8
De Cesare NB, Bartorelli AL, Galli S, Loaldi A, Fabbriochi F, Sganzerla P, Montorsi P, Guazzi MD. Treatment of ostial lesions of the left anterior descending coronary artery with Palma-Schatz coronary stent. 1996;132:716-20
de Feyter PJ (see von Birgelen et al). 1996;132:516-27
Degawa T (see Nakamura et al). 1996;132:251-7
— (see Nakamura et al). 1996;132:567-71
de Groot P (see Boullianne et al). 1996;132:790-5
Delabays A (see Magni et al). 1996;132:376-81
de la Calzada CS (see Cocina et al). 1996;132:1306-7 (Brief comm.)
Delehanty JM (see Narins et al). 1996;132:197-8 (Brief comm.)
Deligonul U (see Chambers et al). 1996;132:189-90 (Brief comm.)
— (see Porter et al). 1996;132:41-7
Dellavalle A (see Steffeneino et al). 1996;132:1115-8
DeMaria AN (see Kimura et al). 1996;132:328-36
De Martinis C (see Lucia et al). 1996;132:187-9 (Brief comm.)
Denes P (see Marius-Nunez et al). 1996;132:805-8
Deng Y-B, Matsumoto M, Munehira J. Determination of mitral valve area in patients with mitral stenosis by the flow-convergence-region method during changing hemodynamic conditions. 1996;132:633-41
— (see Wang et al). 1996;132:672-84 (Prog. cardiol.)
Derugin N (see Saeed et al). 1996;132:921-32
De Segni E (see Klein et al). 1996;132:1079-81 (Brief comm.)
Deshpande S (see Li et al). 1996;132:986-8
Detrano RC (see Wang et al). 1996;132:550-8
de Vega NG (see Cocina et al). 1996;132:1306-7 (Brief comm.)
Devereux RB (see Chen et al). 1996;132:343-7
Dhalia A (see Li et al). 1996;132:986-8
Di Ciommo V (see Drago et al). 1996;132:280-5
Di Lorenzo E (see Indolfi et al). 1996;132:542-9
Di Mario C (see Pasquett et al). 1996;132:1081-4 (Brief comm.)
— (see von Birgelen et al). 1996;132:516-27
— (see von Birgelen et al). 1996;132:694-6 (Brief comm.)
Dobell ARC, Van Praagh R. The Holmes heart: historic associations and pathologic anatomy. 1996;132:437-45 (Prog. cardiol.)
Doevendans PA (see Wehrens et al). 1996;132:685-6 (Brief comm.)
Doherty TM (see Wang et al). 1996;132:550-8
Doi Y (see Naito et al). 1996;132:54-60
Dolev E (see Harpaz et al). 1996;132:1311-3 (Brief comm.)
Donohue TJ (see Tron et al). 1996;132:508-15
Donovan CL, Armstrong WF. Contrast enhancement of mitral regurgitation to estimate left ventricular systolic pressure. 1996;132:884-6 (Brief comm.)
— (see Bach et al). 1996;132:721-5
Dorn GW II (see Lenihan et al). 1996;132:1179-88
Doubar S, Brodsky MA, Whang DD, Whang R. Significance of magnesium in congestive heart failure. 1996;132:664-71 (Curriculum cardiол.)
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Duclos G (see Boulliante et al). 1996;132:790-5
Duissaillant GR, Mintz GS, Pichard AD, Kent KM, Satler LF, Popma JJ, Griffin J, Leon MB. Intravascular ultrasound identification of calcified intraluminal lesions misdiagnosed as thrombi by coronary angiography. 1996;132:687-9 (Brief comm.)

Duran CMG (see Björnstad et al). 1996;132:1173-8
Duran RM (see Björnstad et al). 1996;132:1173-8

E

Edner M (see Bonarjee et al). 1996;132:71-7
Eeckhout E, Stauffer J-C, Vogt P, Debbas N, Kappenberger L, Goy J-J. Comparison of elective Wiktor stent placement with conventional balloon angioplasty for new-onset lesions of the right coronary artery. 1996;132:263-8
Eisenberg MJ (see Ballal et al). 1996;132:460-2 (Editorial)
— (see Rashid et al). 1996;132:1301-4 (Brief comm.)
Elin RJ (see Seelig and Elin). 1996;132:471-7 (Symposium)
Ellis SG (see Ballal et al). 1996;132:460-2 (Editorial)
Emerick R (see Baladi et al). 1996;132:1272-5 (Brief comm.)
Emura I (see Okura et al). 1996;132:1309-11 (Brief comm.)
Enbergs A, Borggreve M, Kurlemann G, Fahrenkamp A, Scheld HH, Jehle J, Breithardt G. Ventricular tachycardia caused by cardiac rhabdomyoma in a young adult with tuberous sclerosis. 1996;132:1263-5 (Brief comm.)
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Erikson JM, Velasco CE. Endothelin-1 and myocardial preconditioning. 1996;132:84-90
Ewenstein BM (see Piccioli et al). 1996;132:850-5 (Curriculum cardiол.)
Ewy GA (see Kern et al). 1996;132:1156-62

F

Fabbriochi F (see De Cesare et al). 1996;132:716-20
Faggiano P, Aurigemma GP, Rusconi C, Gaasch WH. Progression of valvular aortic stenosis in adults: literature review and clinical implications. 1996;132:408-17 (Curriculum cardiол.)
Fahey FJ (see Altmann et al). 1996;132:191-2 (Brief comm.)
Fahrenkamp A (see Enbergs et al). 1996;132:1263-5 (Brief comm.)
Fain E (see Trappe et al). 1996;132:599-607
Falkenhahn D (see Spielberg et al). 1996;132:579-85
Fallani F (see Tartagni et al). 1996;132:1042-7 (Prog. cardiol.)
Fallon JT (see Jiang et al). 1996;132:137-44
Fatkin D, Feneley MP. Patterns of Doppler-measured blood flow velocity in the normal and fibrillating human left atrial appendage. 1996;132:995-1003
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Walsh RA (see Lenihan et al.). 1996;132:1179-88

Wang C-C (see King et al.). 1996;132:979-85

— (see Wen et al.). 1996;132:612-20

Wang C-H (see Wong et al.). 1996;132:1060-3 (Brief comm.)

Wang K, Asinger R, Hodges M. Electrocardiograms of Wolff-Parkinson-White syndrome simulating other conditions. 1996;132:152-5 (Curriculum cardiol.)

Wang N-K (see Lin et al.). 1996;132:1073-4 (Brief comm.)

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Wasir HS (see Jhamat et al.). 1996;132:608-11

— (see Reddy et al.). 1996;132:894-7 (Brief comm.)

Watanabe K, Sekiya M, Ikeda S, Miyagawa M, Hashida K. Preventive effects of propranolol on restenosis after percutaneous transluminal coronary angioplasty. 1996;132:23-9

Watanabe S (see Ajisaka et al.). 1996;132:48-53

— (see Kim et al.). 1996;132:348-55

Waters DD (see Azar and Waters). 1996;132:1101-6 (Editorial)

Weber MA (see Neutel et al.). 1996;132:1202-6

Wegscheider K (see Spielberg et al.). 1996;132:579-85

Wehrens XHT, Doevedans PA, van Dantzig JM, Snoep G, Wellens HJ. Infected sternal fracture hematoma after cardio-pulmonary resuscitation initially seen as pericarditis. 1996;132:685-6 (Brief comm.)

Weiss R (see Bogun et al.). 1996;132:758-64

Weiss SE (see Joffe et al.). 1996;132:1055-8 (Brief comm.)

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Wellens HJ (see Wehrens et al.). 1996;132:685-6 (Brief comm.)

Wells KE, Alexander JJ, Piotrowski JJ, Finkelhor RS. Massive aortic thrombus detected by transesophageal echocardiography

as a cause of peripheral emboli in young patients. 1996;132:882-3 (Brief comm.)

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— (see King et al.). 1996;132:979-85

— (see Wong et al.). 1996;132:1060-3 (Brief comm.)

Wendland MF (see Saeed et al.). 1996;132:921-32

Wennerberg PW (see Haidet et al.). 1996;132:319-27

Wenzlaff P (see Trappe et al.). 1996;132:599-607

Weyman AE (see Jiang et al.). 1996;132:137-44

Whang DD (see Douban et al.). 1996;132:664-71 (Curriculum cardiol.)

Whang R (see Douban et al.). 1996;132:664-71 (Curriculum cardiol.)

Wheller JJ (see Rowland et al.). 1996;132:1075-7 (Brief comm.)

White AD (see Folsom et al.). 1996;132:952-8

White CJ (see Meza et al.). 1996;132:528-35

Whitsett JH (see Johnson et al.). 1996;132:120-4

Wilensky RL, Gradus-Pizlo I, Sandusky G, March KL. Vascular repair mechanism after directional atherectomy or percutaneous transluminal coronary angioplasty in atherosclerotic rabbit iliac arteries. 1996;132:13-22

Willich SN (see Spielberg et al.). 1996;132:579-85

Wilson AD (see Rao et al.). 1996;132:403-7

Winkhart SP (see Folsom et al.). 1996;132:952-8

Wittry MD (see Stratmann et al.). 1996;132:536-41

Wolfe CL (see Zhu et al.). 1996;132:91-100

Wolford T (see Tron et al.). 1996;132:508-15

Wong C-W, Wang C-H, Wen M-S, Yeh S-J, Wu D. Effective therapy with transthoracic video-assisted endoscopic coagulation of the left stellate ganglion and upper sympathetic trunk in congenital long-QT syndrome. 1996;132:1060-3 (Brief comm.)

Wong E (see Lee et al.). 1996;132:1329-34 (Editorial)

Wong M (see Lee et al.). 1996;132:973-8

Wong N (see Wang et al.). 1996;132:550-8

Wong SC (see Hong et al.). 1996;132:200-2 (Brief comm.)

Wooley CF (see Hunt and Wooley). 1996;132:1267-8 (Brief comm.)

— (see Malkowski et al.). 1996;132:145-51

Wu A (see Feld et al.). 1996;132:747-57

Wu C-C (see Ho et al.). 1996;132:457-9 (Brief comm.)

Wu D (see King et al.). 1996;132:979-85

— (see Wen et al.). 1996;132:612-20

— (see Wong et al.). 1996;132:1060-3 (Brief comm.)

Wu J-C (see Lai et al.). 1996;132:768-75

Wu S-N (see Lai et al.). 1996;132:768-75

Wu Y (see Rials et al.). 1996;132:989-94

X

Xie F (see Porter et al.). 1996;132:41-7

— (see Porter et al.). 1996;132:964-8

Xie M-X (see Wang et al.). 1996;132:672-84 (Prog. cardiol.)

Xu J (see Grauer et al.). 1996;132:938-45

Y

Yabuki S (see Nakamura et al.). 1996;132:251-7

— (see Nakamura et al.). 1996;132:567-71

Yakel DL (see Baladi et al.). 1996;132:1272-5 (Brief comm.)

Yalla SMR (see Vijay et al.). 1996;132:897-9 (Brief comm.)

Yamada H (see Kondo et al.). 1996;132:1127-34

Yamada I (see Ishii et al.). 1996;132:796-804

Yamada K (see Shimizu et al.). 1996;132:699-701 (Brief comm.)

Yamaguchi H (see Sumiyoshi et al.). 1996;132:1277-81 (Brief comm.)

Yamaguchi T (see Nakamura et al.). 1996;132:251-7

— (see Nakamura et al.). 1996;132:567-71

Yamamoto K (see Naito et al.). 1996;132:54-60

Yamanouchi T (see Ajisaka et al.). 1996;132:48-53

Yamasawara M (see Kim et al.). 1996;132:348-55

Yang P (see Glogar et al.). 1996;132:465-70 (Symposium)

— (see Steurer et al.). 1996;132:478-82 (Symposium)

Yano K (see Hano et al.). 1996;132:1293-5 (Brief comm.)

Yap AG (see Baladi et al.). 1996;132:1272-5 (Brief comm.)

— (see Bashour et al.). 1996;132:1050-2 (Brief comm.)

Yasuda M (see Sumiyoshi et al.). 1996;132:1277-81 (Brief comm.)

Yasue H (see Kikuta et al). 1996;132:101-7
Yeh S-J (see King et al). 1996;132:979-85
— (see Wen et al). 1996;132:612-20
— (see Wong et al). 1996;132:1060-3 (Brief comm.)
Yo Y (see Iiyama et al). 1996;132:779-82
Yoganathan AP (see Ishii et al). 1996;132:796-804
Yokota M (see Kanda et al). 1996;132:361-8
Yoon YW (see Na et al). 1996;132:78-83
Yoshimura M (see Kikuta et al). 1996;132:101-7
Young M-L (see Kohli et al). 1996;132:198-200 (Brief comm.)
Young MD. Looking back. 1996;132:1324 (Letter)
Younis LT (see Stratmann et al). 1996;132:536-41
Yu H (see Rakugi et al). 1996;132:213-21 (Symposium)
Yuasa F (see Hattori et al). 1996;132:593-8

Zaim B (see Zaim et al). 1996;132:274-9
Zaim S, Zaim B, Rottman J, Mendoza I, Nasir N Jr, Pacifico A. Characterization of spontaneous recurrent ventricular arrhythmias detected by electrogram-storing defibrillators in sudden cardiac death survivors with no inducible ventricular arrhythmias at baseline electrophysiologic testing. 1996;132:274-9
Zannoli R (see Tartagni et al). 1996;132:1042-7 (Prog. cardiol.)
Zayas R (see Pan et al). 1996;132:1119-26
Zhu B-q, Sun Y-p, Sievers RE, Shuman JL, Glantz SA, Chatterjee K, Parmley WW, Wolfe CL. L-Arginine decreases infarct size in rats exposed to environmental tobacco smoke. 1996;132:91-100
Zivin A (see Goyal et al). 1996;132:765-7
Zoghbi WA (see Nagueh et al). 1996;132:1070-3 (Brief comm.)

Subject index*

A

Abbott, Maude

The Holmes heart: historic associations and pathologic anatomy (Dobell and Van Praagh). 1996;132:437-45 (Prog. cardiol.)

Abnormal myocardial perfusion patterns; see Perfusion Accessory pathway; see Heart conduction system

Acquired immunodeficiency syndrome

Pericardial tamponade from Kaposi's sarcoma: role of early pericardial window (Vijay et al). 1996;132:897-9 (Brief comm.)

Adenosine

Detection of regional perfusion abnormalities during adenosine stress echocardiography with intravenous perfluorocarbon-exposed sonicated dextrose albumin (Porter et al). 1996;132:41-7

Effects of verapamil, propranolol, and procainamide on adenosine-induced negative dromotropism in human beings (Lai et al). 1996;132:768-75

Endothelin-1 and myocardial preconditioning (Erikson and Velasco). 1996;132:84-90

Adrenal carcinoma; see Carcinoma

Adrenergic alpha receptor blockers

Treatment and post-treatment effects of α - versus β -receptor blockers on left ventricular structure and function in essential hypertension (Schobel et al). 1996;132:1004-9

Adrenergic beta receptor blockers

Benefit of converting enzyme inhibition on left ventricular volumes and ejection fraction in patients receiving β -blockade after myocardial infarction (Bonarjee et al). 1996;132:71-7

Effects of β -blockade with bisoprolol on heart rate variability in advanced heart failure: analysis of scatterplots of R-R intervals at selected heart rates (Copie et al). 1996;132:369-75

Treatment and post-treatment effects of α - versus β -receptor blockers on left ventricular structure and function in essential hypertension (Schobel et al). 1996;132:1004-9

Age factors

Comparison of the ages of tachycardia onset in patients with atrioventricular nodal reentrant tachycardia and accessory pathway-mediated tachycardia (Goyal et al). 1996;132:765-7

Aged

Twenty-four-hour ambulatory electrocardiography in elderly subjects: prevalence of various arrhythmias and prognostic implications (report from the Bronx Longitudinal Aging Study) (Frishman et al). 1996;132:297-302

Aging

Effects of aging per se on arterial stiffness: systemic and regional compliance in beagles (Haidet et al). 1996;132:319-27

AIDS; see Acquired immunodeficiency syndrome

Albumins

Detection of regional perfusion abnormalities during adenosine stress echocardiography with intravenous perfluorocarbon-

exposed sonicated dextrose albumin (Porter et al). 1996;132:41-7

Thrombolytic enhancement with perfluorocarbon-exposed sonicated dextrose albumin microbubbles (Porter et al). 1996;132:964-8

Alpha-estradiol; see Estradiol

Ambulatory care

Intermittent inotropic therapy in an outpatient setting: a cost-effective therapeutic modality in patients with refractory heart failure (Marius-Nunez et al). 1996;132:805-8

American Heart Journal

In appreciation (Mason). 1996;132:1324 (Letter)

Forty-two years in cardiology (Mason). 1996;132:1335-40 (Editorial)

Looking back (Young). 1996;132:1324 (Letter)

Publisher's announcement. (Trumbold and Van Schaik). 1996;132:1107

Stepping off the treadmill (Flatt). 1996;132:1323-4 (Letter)

Anesthesia

Anesthesia in peripartum cardiomyopathy (Perkins) (Letter); (Lang) (Reply). 1996;132:1320

Aneurysm

Diagnosis of mitral valve aneurysms by transesophageal echocardiography (Roguin et al). 1996;132:689-91 (Brief comm.)

Fatal myocardial ischemia caused by compression of the left coronary system by a large left sinus of Valsalva aneurysm (Bashour et al). 1996;132:1050-2 (Brief comm.)

Left ventricular pseudoaneurysm: a cause of unilateral pulmonary edema by compressing the left pulmonary artery (Cocina et al). 1996;132:1306-7 (Brief comm.)

Sinus of Valsalva aneurysms (Cheng) (Letter); (Rahko) (Reply). 1996;132:1319

Angicoagulants

Evolving models of warfarin management: anticoagulation clinics, patient self-monitoring and patient self-management (Ansoll and Hughes). 1996;132:1095-100 (Editorial)

Angina, unstable

Increased plasma levels of B-type natriuretic peptide in patients with unstable angina (Kikuta et al). 1996;132:101-7

The inflammatory etiology of unstable angina (Azar and Waters). 1996;132:1101-6 (Editorial)

Angina pectoris

Epidemiologic assessment of angina before and after myocardial infarction: the Framingham Study (Brand et al). 1996;132:174-8 (Prog. cardiol.)

Angioplasty

Distal coronary flow velocity immediately after direct angioplasty for acute myocardial infarction (Nakamura et al). 1996;132:251-7

Angioplasty, balloon, adverse effects

Bailout stenting for extensive dissection complicating direct infarct angioplasty (Altmann et al). 1996;132:191-2 (Brief comm.)

Angioplasty, transluminal, percutaneous coronary

Acute myocardial infarction caused by blunt chest trauma: successful treatment by direct coronary angioplasty (Marcum et al). 1996;132:1275-7 (Brief comm.)

Atrial natriuretic peptide release during myocardial ischemia induced by percutaneous transluminal coronary angioplasty (Nigri et al). 1996;132:698-9 (Brief comm.)

*July, pp. 1-250; August, pp. 251-502; September, pp. 503-710; October, pp. 711-920; November, pp. 921-1106; December, pp. 1107-1374.

Angioplasty, transluminal, percutaneous coronary—cont'd

Attenuation of the no-reflow phenomenon after coronary angioplasty for acute myocardial infarction with intracoronary papaverine (Ishihara et al). 1996;132:959-63

Comparison of elective Wiktor stent placement with conventional balloon angioplasty for new-onset lesions of the right coronary artery (Eckhout et al). 1996;132:263-8

Contrast nephropathy after coronary angioplasty in chronic renal insufficiency (Vlietstra et al). 1996;132:1049-50 (Brief comm.)

Coronary stenting after unsuccessful emergency angioplasty in acute myocardial infarction: results in a series of consecutive patients (Steffenmo et al). 1996;132:1115-8

Early exercise testing to stratify risk for development of restenosis after percutaneous transluminal coronary angioplasty (Coplan et al). 1996;132:1222-5 (Curriculum cardioli.)

Effect of percutaneous transluminal coronary angioplasty on exercise ventilation in patients with coronary artery disease and normal left ventricular function (Ajisaka et al). 1996;132:48-53

High serum concentration of lipoprotein(a) is a risk factor for restenosis after percutaneous transluminal coronary angioplasty in Japanese patients with single-vessel disease (Miyauchi et al). 1996;132:269-73

Multiple early percutaneous transluminal coronary angioplasty failures related to lupus anticoagulant (Chambers et al). 1996;132:189-90 (Brief comm.)

Percutaneous transluminal coronary angioplasty in Takayasu's arteritis (Lee and Rao). 1996;132:1084-6 (Brief comm.)

Preventive effects of propranolol on restenosis after percutaneous transluminal coronary angioplasty (Watanabe et al). 1996;132:23-9

Reduction in angioplasty complications after the introduction of coronary stents: results from a consecutive series of 2242 patients (Altmann et al). 1996;132:503-7

Repeat coronary angioplasty as the treatment of choice for restenosis (Kitazume et al). 1996;132:711-6

Uncoupling clinical outcomes and coronary angiography: a review and perspective of recent trials in coronary artery disease (Rosenschein and Topol). 1996;132:910-20 (Editorial)

Vascular repair mechanisms after directional atherectomy or percutaneous transluminal coronary angioplasty in atherosclerotic rabbit iliac arteries (Wilensky et al). 1996;132:13-22

Angiotensin-converting enzyme inhibitors

Angiotensin-converting enzyme inhibition after myocardial infarction: the Trandolapril Cardiac Evaluation study (Torp-Pedersen et al). 1996;132:235-43 (Symposium)

Benefit of converting enzyme inhibition on left ventricular volumes and ejection fraction in patients receiving β -blockade after myocardial infarction (Bonarjee et al). 1996;132:71-7

Effect of an intravenous angiotensin-converting enzyme inhibitor on the electrophysiologic features of normal and hypertrophied feline ventricles (Rials et al). 1996;132:989-94

Myocardial infarction and hypertension links and interactions: introduction (Sleight). 1996;132:211-2 (Symposium)

The role of neurohormonal activation in chronic heart failure and postmyocardial infarction (Sigurdsson and Swedberg). 1996;132:229-34 (Symposium)

Who should be treated with angiotensin-converting enzyme inhibitors after myocardial infarction? (Ball and Hall). 1996;132:244-50 (Symposium)

Angular velocity; see Transducers

Anomalous pulmonary venous connection; see Coronary vessel anomalies

Anomalous sinus node artery; see Coronary vessel anomalies

Anoxia

Techneium 99m-Q12 kinetics in perfused rat myocardium: effects of hypoxia and low flow (Okada et al). 1996;132:108-15

Anti-arrhythmia agents

Management of acute myocardial infarction: evaluating the past, practicing in the present, elaborating the future (Glogar et al). 1996;132:465-70 (Symposium)

Antibodies, antiphospholipid

Multiple early percutaneous transluminal coronary angioplasty failures related to lupus anticoagulant (Chambers et al). 1996;132:189-90 (Brief comm.)

Prevalence and clinical significance of antiphospholipid antibodies in heart valve disease: a case-control study (Boulianne et al). 1996;132:790-5

Anticoagulants

Free-floating left atrial thrombus: medical management directed by transesophageal echocardiography (Harpaz et al). 1996;132:1311-3 (Brief comm.)

No subacute thrombosis and femoral bleeding complications under full anticoagulation in 150 consecutive patients receiving non-heparin-coated intracoronary Palmaz-Schatz stents (Lee et al). 1996;132:1135-46

Antihypertensive agents

Implications of the links between hypertension and myocardial infarction for choice of drug therapy in patients with hypertension (Meredit). 1996;132:222-8 (Symposium)

Antiphospholipid antibodies; see Antibodies, antiphospholipid**Antiplatelet agents; see Platelet aggregation inhibitors****Aorta**

Isolated anomalous origin of left pulmonary artery from the ascending aorta (Tagliente et al). 1996;132:1289-92 (Brief comm.)

Magnetic resonance imaging of anomalous origin of the right pulmonary artery from the ascending aorta in association with ventricular septal defect (Lin et al). 1996;132:1073-4 (Brief comm.)

Progressive dehiscence and dynamic compression of an aortic root homograft: detection and characterization by transesophageal echocardiography (Nagueh et al). 1996;132:1070-3 (Brief comm.)

Aortic dissection; see Dissection**Aortic regurgitation; see Aortic valve insufficiency****Aortic thrombus; see Thrombosis****Aortic valve**

Clinical and echocardiographic follow-up after aortic valve reconstruction with bovine or autologous pericardium (Björnstad et al). 1996;132:1173-8

Correspondence of aortic valve area determination from transesophageal echocardiography, transthoracic echocardiography, and cardiac catheterization (Kim et al). 1996;132:1163-72

Quadruploid aortic valve diagnosed by transesophageal echocardiography (Georgeson and Neibart). 1996;132:1292-3 (Brief comm.)

Aortic valve endocarditis; see Endocarditis

Combined rest and exercise electrocardiographic repolarization findings in relation to structural and functional abnormalities in asymptomatic aortic regurgitation (Chen et al). 1996;132:343-7

Evaluation of eccentric aortic regurgitation by color Doppler jet and color Doppler-imaged vena contracta measurements: an animal study of quantified aortic regurgitation (Ishii et al). 1996;132:796-804

Aortic valve replacement; see Heart valve prosthesis**Aortic valve stenosis**

Congenital absence of the pulmonary valve with tetralogy of Fallot with associated aortic stenosis and patent ductus arteriosus: a prenatal diagnosis (Rowland et al). 1996;132:1075-7 (Brief comm.)

Doppler transesophageal echocardiographic determination of aortic valve area in adults with aortic stenosis (Stoddard et al). 1996;132:337-42

Progression of valvular aortic stenosis in adults: literature review and clinical implications (Faggiano et al). 1996;132:408-17 (Curriculum cardioli.)

Quantitative assessment of stenotic aortic valve area by using intracardiac echocardiography: in vitro validation and initial in vivo illustration (Jiang et al). 1996;132:137-44

Recurrent syncope after successful aortic valve replacement (Sharma et al). 1996;132:194-7 (Brief comm.)

Arginine

L-Arginine decreases infarct size in rats exposed to environmental tobacco smoke (Zhu et al). 1996;132:91-100

Arrhythmia

Active compression-decompression versus standard cardiopulmonary resuscitation in a porcine model: no improvement in outcome (Kern et al). 1996;132:1156-62

Characterization of spontaneous recurrent ventricular arrhythmias detected by electrogram-storing defibrillators in sudden cardiac death survivors with no inducible ventricular arrhythmias at baseline electrophysiologic testing (Zaim et al). 1996;132:274-9

First experience with a new nonthoracotomy defibrillation lead system (Trappe et al). 1996;132:599-607

Arrhythmia—cont'd

Interatrial septal aneurysms and atrial arrhythmias in infants (Miga et al). 1996;132:776-8

Long-term results of electrophysiologically guided sotalol therapy for life-threatening ventricular arrhythmias (Lee et al). 1996;132:973-8

Twenty-four-hour ambulatory electrocardiography in elderly subjects: prevalence of various arrhythmias and prognostic implications (report from the Bronx Longitudinal Aging Study) (Frishman et al). 1996;132:297-302

Arrhythmogenic right ventricular cardiomyopathy; see Cardiomyopathy

Arterial catheterization; see Catheterization, peripheral

Arterial occlusive diseases

Prolonged coronary artery occlusion-reperfusion sequences reduce myocardial free radical production: an electron paramagnetic resonance study (Lindauer et al). 1996;132:1147-55

Transcatheter occlusion of patent ductus arteriosus: which method to use and which ductus to close (Rao). 1996;132:905-9 (Editorial)

Transient coronary occlusion with mental stress (Papademetriou et al). 1996;132:1299-1301 (Brief comm.)

Arteries; see also Specific arteries

Effects of aging per se on arterial stiffness: systemic and regional compliance in beagles (Haidet et al). 1996;132:319-27

Vascular hypertrophy is an early finding in essential hypertension and is related to arterial pressure waveform contour (Tice et al). 1996;132:621-7

What have we learned from in vitro intravascular ultrasound? (Gussenoven et al). 1996;132:702-10 (Editorial)

Arteritis, Takayasu's; see Pulseless disease

Artery implants; see Revascularization

Ascending aorta; see Aorta

Atherectomy, coronary

Vascular repair mechanisms after directional atherectomy or percutaneous transluminal coronary angioplasty in atherosclerotic rabbit iliac arteries (Wilensky et al). 1996;132:13-22

Atherosclerosis, coronary; see Coronary arteriosclerosis

Atrial arrhythmia; see Arrhythmia

Atrial catheterization; see Heart catheterization

Atrial fibrillation

An aggressive approach in converting resistant atrial fibrillation (Bleyer et al). 1996;132:1304-6 (Brief comm.)

Characterization of left atrial appendage Doppler flow in atrial fibrillation and flutter by Fourier analysis (Grimm et al). 1996;132:286-96

Effect of parenteral d-sotalol on transvenous atrial defibrillation threshold in a canine model of atrial fibrillation (Iskos et al). 1996;132:116-9

Importance of assessing changes in ventricular response to atrial fibrillation during evaluation of new heart failure therapies: experience from trials of flosequinan (Massie et al). 1996;132:130-6

Patterns of Doppler-measured blood flow velocity in the normal and fibrillating human left atrial appendage (Fatkin and Feneley). 1996;132:995-1003

Verapamil-induced acute right heart failure (Shimoni et al). 1996;132:193-4 (Brief comm.)

Atrial flutter

Characterization of left atrial appendage Doppler flow in atrial fibrillation and flutter by Fourier analysis (Grimm et al). 1996;132:286-96

Diastolic mitral regurgitation with atrial flutter (Malcolm). 1996;132:1321-2 (Letter)

Atrial myxoma; see Myxoma

Atrial natriuretic factor

Atrial natriuretic peptide release during myocardial ischemia induced by percutaneous transluminal coronary angioplasty (Nigri et al). 1996;132:698-9 (Brief comm.)

Atrial septal defects; see Heart septal defects, atrial

Atrial thrombus; see Thrombosis

Atrioventricular block; see Heart block

Atrioventricular nodal block; see Tachycardia, atrioventricular nodal reentry

Atrioventricular septum; see Heart septum

Autologous pericardium; see Pericardium

B

Balloon angioplasty; see Angioplasty, balloon

Balloon dilatation

Feasibility and effectiveness of repeated balloon dilatation of

restenosed congenital obstructions after previous balloon valvuloplasty/angioplasty (Rao et al). 1996;132:403-7

Immediate and long-term effect of mitral balloon valvotomy on left ventricular volume and systolic function in severe mitral stenosis (Fawzy et al). 1996;132:356-60

Local intracoronary heparin delivery with a microporous balloon catheter (Thomas et al). 1996;132:969-72

Percutaneous balloon dilatation of cor triatriatum sinister (Kerkar et al). 1996;132:888-91 (Brief comm.)

Renal artery stenosis complicated by hypertensive heart disease in a young child: successful therapy by balloon angioplasty (Liang et al). 1996;132:1077-9 (Brief comm.)

Right atrial thrombus complicating mitral valvuloplasty (Konecky et al). 1996;132:893-4 (Brief comm.)

Balloon valvotomy; see Balloon dilatation

Band neutrophil count; see Neutrophils

Becker muscular dystrophy; see Muscular dystrophy

Behavior therapy

Effect of type A behavioral counseling on frequency of episodes of silent myocardial ischemia in coronary patients (Friedman et al). 1996;132:933-7

Beta-blockade; see Adrenergic beta receptor blockers

Beta-estradiol; see Estradiol

Beta-type natriuretic peptide; see Peptides

Bioprostheses

Double-balloon dilatation of a stenosed bioprosthetic tricuspid valve in repaired tetralogy of Fallot (Benito et al). 1996;132:891-2 (Brief comm.)

Biopsy

Endomyocardial biopsy in arrhythmogenic right ventricular cardiomyopathy (Angelini et al). 1996;132:203-6 (Editorial)

Biplane echocardiography; see Echocardiography, two-dimensional

Bisoprolol

Effects of β -blockade with bisoprolol on heart rate variability in advanced heart failure: analysis of scatterplots of R-R intervals at selected heart rates (Copie et al). 1996;132:369-75

Bleeding; see Hemorrhage

Blood circulation

Effects of aging per se on arterial stiffness: systemic and regional compliance in beagles (Haidet et al). 1996;132:319-27

Blood coagulation

Effective therapy with transthoracic video-assisted endoscopic coagulation of the left stellate ganglion and upper sympathetic trunk in congenital long-QT syndrome (Wong et al). 1996;132:1060-3 (Brief comm.)

Blood coagulation disorders

Cancer and venous thromboembolism (Piccioli et al). 1996;132:850-5 (Curriculum cardiol.)

Blood flow velocity

Differential characterization of human coronary collateral blood flow velocity (Trout et al). 1996;132:508-15

Distal coronary flow velocity immediately after direct angioplasty for acute myocardial infarction (Nakamura et al). 1996;132:251-7

Estimation of coronary flow reserve with the instantaneous coronary flow velocity versus pressure relation: a new index of coronary flow reserve independent of perfusion pressure (Kondo et al). 1996;132:1127-34

Mitral flow velocity changes after 6 months of optimized therapy provide important hemodynamic and prognostic information in patients with chronic heart failure (Traversi et al). 1996;132:809-19

Patterns of Doppler-measured blood flow velocity in the normal and fibrillating human left atrial appendage (Fatkin and Feneley). 1996;132:995-1003

Quantitative Doppler tissue imaging for assessment of regional myocardial velocities during transient ischemia and reperfusion (Bach et al). 1996;132:721-5

Safety and feasibility of continuous monitoring of coronary flow velocity in acute myocardial infarction by Doppler guide wire (Nakamura et al). 1996;132:567-71

Blood pressure

Novel delivery system for verapamil designed to achieve maximal blood pressure control during the early morning (Neutel et al). 1996;132:1202-6

Blood vessels

Morphometric analysis in three-dimensional intracoronary ultrasound: an *in vitro* and *in vivo* study performed with a novel system for the contour detection of lumen and plaque (von Birgelen et al). 1996;132:516-27

Blunt injuries; see Wounds, nonpenetrating
Bolus recombinant urokinase; see Urokinase
Bovine pericardium; see Pericardium

Brief communications

Brief communications. 1996;132:187-202, 446-59, 685-701, 882-99, 1048-94, 1263-1313

Brigham and Women's Hospital DVT Registry

Epidemiologic characteristics, management, and outcome of deep venous thrombosis in a tertiary-care hospital: the Brigham and Women's Hospital DVT Registry (Piccoli et al.). 1996;132:1010-4

Bronx Longitudinal Aging Study

Twenty-four-hour ambulatory electrocardiography in elderly subjects: prevalence of various arrhythmias and prognostic implications (report from the Bronx Longitudinal Aging Study) (Frishman et al.). 1996;132:297-302

Bundle of His

Comparison of atrial-His intervals in patients with and without dual atrioventricular nodal physiology and atrioventricular nodal reentrant tachycardia (Bogun et al.). 1996;132:758-64

C

Calcinosis

Detection of coronary calcification with electron-beam computed tomography: evaluation of interexamination reproducibility and comparison of three image-acquisition protocols (Wang et al.). 1996;132:550-8

Intramural left atrial hematoma complicating mitral annular calcification (Schechter et al.). 1996;132:455-7 (Brief comm.)

Intravascular ultrasonographic characterization of calcification of the patent ductus arteriosus in adults (Ho et al.). 1996;132:457-9 (Brief comm.)

Intravascular ultrasound identification of calcified intraluminal lesions misdiagnosed as thrombi by coronary angiography (Duissaillant et al.). 1996;132:687-9 (Brief comm.)

Cancer; see Neoplasms; specific neoplasms

Capillary permeability

Coronary microvascular abnormalities in Chagas' disease (Rosso and Ramos). 1996;132:207-10 (Editorial)

Carcinoma

Isolated cardiac metastasis of adrenal carcinoma: transesophageal echocardiographic features (Bilge et al.). 1996;132:1066-8 (Brief comm.)

Cardiac catheterization; see Heart catheterization

Cardiac complications in noncardiac surgery; see Intraoperative complications

Cardiac dysfunction; see Heart, physiopathology

Cardiac neoplasms; see Heart neoplasms

Cardiac pacing, artificial

Congenital long-QT syndrome: deleterious effect of long-term high-rate ventricular pacing and definitive treatment by cardiac transplantation (Klein et al.). 1996;132:1079-81 (Brief comm.)

Cardiac rehabilitation; see Heart diseases, rehabilitation

Cardiac rhabdomyoma; see Rhabdomyoma

Cardiac tamponade

Nonhemorrhagic cardiac tamponade after penetrating chest trauma (Narins et al.). 1996;132:197-8 (Brief comm.)

Pericardial tamponade from Kaposi's sarcoma: role of early pericardial window (Vijay et al.). 1996;132:897-9 (Brief comm.)

Respiratory variation of carotid artery flow in cardiac tamponade (Bhagwat and Hoit). 1996;132:1068-70 (Brief comm.)

Cardiac transplant rejection; see Graft rejection

Cardiac tumors; see Heart neoplasms

Cardiology

Forty-two years in cardiology (Mason). 1996;132:1335-40 (Editorial)

Cardiology, education

Training in cardiac catheterization at high-volume and low-volume centers: Is there a difference in case mix? (Ballal et al.). 1996;132:460-2 (Editorial)

Cardiomyopathy

Anesthesia in peripartum cardiomyopathy (Perkins) (Letter); (Lang) (Reply). 1996;132:1320

Endomyocardial biopsy in arrhythmogenic right ventricular cardiomyopathy (Angelini et al.). 1996;132:203-6 (Editorial)

Cardiomyopathy, hypertrophic

Assessment of quantitative hypertrophy scores in hypertrophic

cardiomyopathy: magnetic resonance imaging versus echocardiography (Posma et al.). 1996;132:1020-7
 New diagnostic options in hypertrophic cardiomyopathy (Posma et al.). 1996;132:1031-41 (Curriculum cardiol.)

Cardiopulmonary resuscitation

Active compression-decompression versus standard cardiopulmonary resuscitation in a porcine model: no improvement in outcome (Kern et al.). 1996;132:1156-62

CPR during pregnancy (Perkins) (Letter); (Page) (Reply). 1996;132:1319

Infected sternal fracture hematoma after cardiopulmonary resuscitation initially seen as pericarditis (Wehrens et al.). 1996;132:685-6 (Brief comm.)

Cardiothoracic trauma; see Heart injuries; Thoracic injuries

Cardiotonic agents

Intermittent inotropic therapy in an outpatient setting: a cost-effective therapeutic modality in patients with refractory heart failure (Marius-Nunez et al.). 1996;132:805-8

Cardiovascular diseases

The placebo effect in cardiovascular disease (Binenfeld et al.). 1996;132:1207-21 (Curriculum cardiol.)

Recombinant growth hormone: a new cardiovascular drug therapy (Gomberg-Maitland and Frishman). 1996;132:1244-62 (Prog. cardiol.)

Selective and nonselective dopamine receptor agonists: an innovative approach to cardiovascular disease treatment (Frishman and Hotchkiss). 1996;132:861-70 (Prog. cardiol.)

Cardioversion; see Electric countershock

Carotid artery, blood supply

Respiratory variation of carotid artery flow in cardiac tamponade (Bhagwat and Hoit). 1996;132:1068-70 (Brief comm.)

Catheter ablation

Lack of proarrhythmia as assessed by Holter monitor after atrial radiofrequency ablation of supraventricular tachycardia in children (Johnson et al.). 1996;132:120-4

Left phrenic nerve paresis complicating catheter radiofrequency ablation for Wolff-Parkinson-White syndrome (Rumbak et al.). 1996;132:1281-5 (Brief comm.)

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Radiofrequency ablation of ventricular tachycardia in an infant with cardiac tumors (Kohli et al.). 1996;132:198-200 (Brief comm.)

Radiofrequency ablation therapy of the posteroseptal accessory pathway (Wen et al.). 1996;132:612-20

Catheterization

Catheter-induced atrioventricular nodal block during radiofrequency ablation (King et al.). 1996;132:979-85

Distortion of intravascular ultrasound images because of non-uniform angular velocity of mechanical-type transducers (Kimura et al.). 1996;132:328-36

Catheterization, peripheral

Transcatheter occlusion of patent ductus arteriosus: which method to use and which ductus to close (Rao). 1996;132:905-9 (Editorial)

Cell adhesion molecules

Alterations in circulating intercellular adhesion molecule-1 and L-selectin: further evidence for chronic inflammation in ischemic heart disease (Haught et al.). 1996;132:1-8

Cerebrovascular disorders

Emolic stroke after ligation of the pulmonary artery in patients with functional single ventricle (Oski et al.). 1996;132:836-40

Cervicothoracic pain syndrome; see Pain

Chagas disease

Coronary microvascular abnormalities in Chagas' disease (Rosso and Ramos). 1996;132:207-10 (Editorial)

Chemoreceptors

Peripheral chemoreflex in chronic heart failure: friend and foe (Chugh et al.). 1996;132:900-4 (Editorial)

Chest pain

New concepts in pain management and in the application of low-power laser for relief of cervicothoracic pain syndromes (Lee et al.). 1996;132:1329-34 (Editorial)

Chest trauma; see Thoracic injuries

Child; see also Infant

Lack of proarrhythmia as assessed by Holter monitor after atrial radiofrequency ablation of supraventricular tachycardia in children (Johnson et al.). 1996;132:120-4

Child; see also Infant—cont'd

Radiofrequency ablation of ventricular tachycardia in an infant with cardiac tumors (Kohli et al). 1996;132:198-200 (Brief comm.)

Reciprocating supraventricular tachycardia in children: low rate at rest as a major factor related to propensity to syncope during exercise (Drago et al). 1996;132:280-5

Renal artery stenosis complicated by hypertensive heart disease in a young child: successful therapy by balloon angioplasty (Liang et al). 1996;132:1077-9 (Brief comm.)

Use of miniature biplane transesophageal echocardiography during pediatric atrial catheter interventional procedures (Douglas and Fife). 1996;132:179-86 (Prog. cardiol.)

Chronic renal insufficiency; see Kidney failure, chronic Circadian rhythm

Circadian fluctuations of late potentials detected by signal-averaged electrocardiogram (Goldhammer and Abinader). 1996;132:1298-9 (Brief comm.)

Cocaine

Cocaine-induced aortic dissection (Rashid et al). 1996;132:1301-4 (Brief comm.)

Collateral circulation

Differential characterization of human coronary collateral blood flow velocity (Tron et al). 1996;132:508-15

Patent double internal mammary artery implants (Vineberg's procedure) 27 years later with development of collaterals supplying the left anterior descending and circumflex coronary arteries (Bashour et al). 1996;132:1285-7 (Brief comm.)

Compression-decompression resuscitation; see Resuscitation

Congenital heart disease; see Heart defects, congenital

Congenital long QT syndrome; see Long QT syndrome

Contrast echocardiography; see Echocardiography, contrast

Contrast media

Contrast nephropathy after coronary angioplasty in chronic renal insufficiency (Vlietstra et al). 1996;132:1049-50 (Brief comm.)

Myocardial contrast echocardiography: reliable, safe, and efficacious myocardial perfusion assessment after intravenous injections of a new echocardiographic contrast agent (Meza et al). 1996;132:871-81 (Prog. cardiol.)

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Quantification of the extent of area at risk with fast contrast-enhanced magnetic resonance imaging in experimental coronary artery stenosis (Saeed et al). 1996;132:921-32

Cor triatriatum

Percutaneous balloon dilatation of cor triatriatum sinister (Kerkar et al). 1996;132:888-91 (Brief comm.)

Coronary angiography

Anomalous sinus node artery originating from the left main coronary artery (Holdaway et al). 1996;132:449-51 (Brief comm.)

Intravascular ultrasound identification of calcified intraluminal lesions misdiagnosed as thrombi by coronary angiography (Duissaillant et al). 1996;132:687-9 (Brief comm.)

Management of restenosis after coronary intervention (Dangas and Fuster). 1996;132:428-36 (Prog. cardiol.)

Spontaneous coronary artery dissection in a young man with inferior wall myocardial infarction (Shah et al). 1996;132:696-8 (Brief comm.)

Structural and functional characterization of an intermediate stenosis with intracoronary ultrasound and Doppler: a case of "reverse Glagovian modeling" (von Birgelen et al). 1996;132:694-6 (Brief comm.)

Uncoupling clinical outcomes and coronary angiography: a review and perspective of recent trials in coronary artery disease (Rosenschein and Topol). 1996;132:910-20 (Editorial)

Coronary arteriosclerosis

Band neutrophil count and the presence and severity of coronary atherosclerosis (Kawaguchi et al). 1996;132:9-12

Morphometric analysis in three-dimensional intracoronary ultrasound: an *in vitro* and *in vivo* study performed with a novel system for the contour detection of lumen and plaque (von Birgelen et al). 1996;132:516-27

Vascular repair mechanisms after directional atherectomy or percutaneous transluminal coronary angioplasty in atherosclerotic rabbit iliac arteries (Wilensky et al). 1996;132:13-22

Coronary artery bypass

Current incidence and determinants of perioperative myocardial infarction in coronary artery surgery (Greaves et al). 1996;132:572-8

Intravascular imaging of serial changes of disease in saphenous vein grafts after coronary artery bypass grafting (Komiyama et al). 1996;132:30-40

Papillary muscle rupture after successful coronary artery bypass procedures: report of three cases treated by prompt reoperation (Baladi et al). 1996;132:1272-5 (Brief comm.)

Tricuspid papillary muscle rupture after coronary artery bypass surgery: identification by transesophageal echocardiography (Joffe et al). 1996;132:1055-8 (Brief comm.)

Coronary artery dissection; see Dissection

Coronary artery occlusion; see Arterial occlusive diseases

Coronary artery stenosis; see Coronary disease entries

Coronary calcification; see Calcification

Coronary circulation

Differential characterization of human coronary collateral blood flow velocity (Tron et al). 1996;132:508-15

Ventricular premature beat-driven intermittent restoration of coronary blood flow reduces the incidence of reperfusion-induced ventricular fibrillation in a cat model of regional ischemia (Na et al). 1996;132:78-83

Coronary disease, analysis

Endothelin-1 plasma levels in essential hypertension: increased levels with coronary artery disease (Cassone et al). 1996;132:1048-9 (Brief comm.)

Coronary disease, complications

Dobutamine-induced ST segment elevation and ventricular fibrillation with nonsignificant coronary artery disease (Shaeheen et al). 1996;132:1058-60 (Brief comm.)

Coronary disease, diagnosis

Estimation of regional end-systolic wall stress during exercise in coronary artery disease (Ginzton et al). 1996;132:733-46

Premature gray hair and coronary artery disease (Gould) (Letter); (Schroeder and Nyboe) (Reply). 1996;132:1317

Quantification of the extent of area at risk with fast contrast-enhanced magnetic resonance imaging in experimental coronary artery stenosis (Saeed et al). 1996;132:921-32

Uncoupling clinical outcomes and coronary angiography: a review and perspective of recent trials in coronary artery disease (Rosenschein and Topol). 1996;132:910-20 (Editorial)

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Exercise training and heparin pretreatment in patients with coronary artery disease (Gagliardi et al). 1996;132:946-51

Management of restenosis after coronary intervention (Dangas and Fuster). 1996;132:428-36 (Prog. cardiol.)

Coronary disease, prevention and control

High serum concentration of lipoprotein(a) is a risk factor for restenosis after percutaneous transluminal coronary angioplasty in Japanese patients with single-vessel disease (Miyata et al). 1996;132:269-73

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Coronary disease, therapy

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Early exercise testing to stratify risk for development of restenosis after percutaneous transluminal coronary angioplasty (Coplan et al). 1996;132:1222-5 (Curriculum cardiol.)

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Feasibility and effectiveness of repeated balloon dilatation of restenosed congenital obstructions after previous balloon valvuloplasty/angioplasty (Rao et al). 1996;132:403-7

Repeat coronary angioplasty as the treatment of choice for restenosis (Kitazumi et al). 1996;132:711-6

Treatment of ostial lesions of the left anterior descending coronary artery with Palmaz-Schatz coronary stent (De Cesare et al). 1996;132:716-20

Treatment of spontaneous coronary artery dissection with intracoronary stenting (Hong et al). 1996;132:200-2 (Brief comm.)

Coronary embolism; see Embolism

Coronary flow velocity; see Blood flow velocity

Coronary hyperemia; see Hyperemia

Coronary microvasculature abnormalities; see Coronary vessel anomalies

Coronary occlusion, transient; see Arterial occlusive diseases

Coronary vessel anomalies

- Anomalous sinus node artery originating from the left main coronary artery (Holdaway et al.). 1996;132:449-51 (Brief comm.)
- Coronary microvascular abnormalities in Chagas' disease (Rosso and Ramos). 1996;132:207-10 (Editorial)
- Isolated anomalous origin of left pulmonary artery from the ascending aorta (Tagliente et al.). 1996;132:1289-92 (Brief comm.)
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Coronary vessels

- Endothelin-1: A scientist's curiosity, or a real player in ischemic heart disease? (Cesari et al.). 1996;132:1236-43 (Prog. cardiol.)
- Structural and functional characterization of an intermediate stenosis with intracoronary ultrasound and Doppler: a case of "reverse Glagovian modeling" (von Birgelen et al.). 1996;132:694-6 (Brief comm.)

Correspondence; see Letters

Costs and cost analysis

- Clinical status of patients removed from a transplant waiting list rivals that of transplant recipients at significant cost savings (Levine et al.). 1996;132:1189-94
- Intermittent isotropic therapy in an outpatient setting: a cost-effective therapeutic modality in patients with refractory heart failure (Marius-Nunez et al.). 1996;132:805-8
- Remodeling cardiac rehabilitation into secondary prevention programs (Merz and Rozanski). 1996;132:418-27 (Curriculum cardiol.)

Curriculum in cardiology

- Curriculum in cardiology. 1996;132:152-5, 408-27, 664-71, 841-60, 1031-41, 1207-25

D

d-Sotalol; see Sotalol

Death, sudden

- Characterization of spontaneous recurrent ventricular arrhythmias detected by electrogram-storing defibrillators in sudden cardiac death survivors with no inducible ventricular arrhythmias at baseline electrophysiologic testing (Zaim et al.). 1996;132:274-9
- Sudden death in patients with implantable cardioverter-defibrillators (Li et al.). 1996;132:986-8

Deep venous thrombosis; see Thrombophlebitis

Defibrillators, implantable

- Characterization of spontaneous recurrent ventricular arrhythmias detected by electrogram-storing defibrillators in sudden cardiac death survivors with no inducible ventricular arrhythmias at baseline electrophysiologic testing (Zaim et al.). 1996;132:274-9
- Effect of parenteral d-sotalol on transvenous atrial defibrillation threshold in a canine model of atrial fibrillation (Iskos et al.). 1996;132:116-9
- First experience with a new nonthoracotomy defibrillation lead system (Trappe et al.). 1996;132:599-607
- Sudden death in patients with implantable cardioverter-defibrillators (Li et al.). 1996;132:986-8

Depression

- Effects of cardiac rehabilitation and exercise training programs on depression in patients after major coronary events (Milani et al.). 1996;132:726-32

Dextrocardia

- Mediastinal lipoma mimicking dextrocardia and cardiac enlargement: diagnosis by magnetic resonance imaging (Reddy et al.). 1996;132:894-7 (Brief comm.)

Dextrose; see Glucose

Diabetic ketoacidosis

- Acute electrocardiographic pseudoinfarction pattern in the setting of diabetic ketoacidosis and severe hyperkalemia (Swertitsch and Murphy). 1996;132:1086-9 (Brief comm.)

Diagnostic errors

- Electrocardiograms of Wolff-Parkinson-White syndrome simulating other conditions (Wang et al.). 1996;132:152-5 (Curriculum cardiol.)
- Intravascular ultrasound identification of calcified intraluminal lesions misdiagnosed as thrombi by coronary angiography (Duijzaillant et al.). 1996;132:687-9 (Brief comm.)

Diagnostic imaging

- Intravascular imaging of serial changes of disease in saphenous vein grafts after coronary artery bypass grafting (Komiyama et al.). 1996;132:30-40
- New diagnostic options in hypertrophic cardiomyopathy (Posma et al.). 1996;132:1031-41 (Curriculum cardiol.)
- What have we learned from in vitro intravascular ultrasound? (Gussenhoven et al.). 1996;132:702-10 (Editorial)

Diastole

- Diastolic mitral regurgitation with atrial flutter (Malcolm). 1996;132:1321-2 (Letter)
- Effects of changes in atrioventricular gradient and contractility on left ventricular filling in human diastolic cardiac dysfunction (Lenihan et al.). 1996;132:1179-88

Dipyridamole

- Cardiac complications in noncardiac surgery: relative value of resting two-dimensional echocardiography and dipyridamole thallium imaging (Kontos et al.). 1996;132:559-66
- Dipyridamole technetium 99m sestamibi myocardial tomography for preoperative cardiac risk stratification before major or minor nonvascular surgery (Stratmann et al.). 1996;132:536-41

Directional coronary atherectomy; see Atherectomy, coronary

Disease models, animal

- Active compression-decompression versus standard cardiopulmonary resuscitation in a porcine model: no improvement in outcome (Kern et al.). 1996;132:1156-62

Dissection

- Bailout stenting for extensive dissection complicating direct infarct angioplasty (Altmann et al.). 1996;132:191-2 (Brief comm.)
- Cocaine-induced aortic dissection (Rashid et al.). 1996;132:1301-4 (Brief comm.)
- The pulsatile pain of acute aortic dissection: a neurosurgeon's personal experience (Hunt and Wooley). 1996;132:1267-8 (Brief comm.)
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- Treatment of spontaneous coronary artery dissection with intracoronary stenting (Hong et al.). 1996;132:200-2 (Brief comm.)

Dobutamine

- Dobutamine-induced ST segment elevation and ventricular fibrillation with nonsignificant coronary artery disease (Shaheen et al.). 1996;132:1058-60 (Brief comm.)
- Evaluation of contractile reserve by dobutamine echocardiography: noninvasive estimation of the severity of heart failure (Marmor et al.). 1996;132:1195-1201
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Dobutamine echocardiography; see Echocardiography, stress

Dopaminergic agents

- Selective and nonselective dopamine receptor agonists: an innovative approach to cardiovascular disease treatment (Frishman and Hotchkiss). 1996;132:861-70 (Prog. cardiol.)

Doppler echocardiography; see Echocardiography, Doppler

Doppler guide wire; see Equipment and supplies

Doppler tissue imaging; see Echocardiography, Doppler

Double-balloon dilatation; see Balloon dilatation

Doxazosin

- Effect of doxazosin on fibrinolysis in hypertensive patients with and without insulin resistance (Jeng et al.). 1996;132:783-9

Dromotropism; see Neural conduction

Drug interactions

- Effects of verapamil, propranolol, and procainamide on adeno-

Drug interactions—cont'd

sine-induced negative dromotropism in human beings (Lai et al.). 1996;132:768-75

Ductus arteriosus

Medium-term results of experimental stent implantation into the ductus arteriosus (Rosenthal et al.). 1996;132:657-63

Ductus arteriosus, patent

Congenital absence of the pulmonary valve with tetralogy of Fallot with associated aortic stenosis and patent ductus arteriosus: a prenatal diagnosis (Rowland et al.). 1996;132:1075-7 (Brief comm.)

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Transcatheter occlusion of patent ductus arteriosus: which method to use and which ductus to close (Rao). 1996;132:905-9 (Editorial)

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E

Echinococcosis, cardiac

Echinococcosis of the heart: clinical and echocardiographic features in 19 patients (Bashour et al.). 1996;132:1028-30

Echocardiography

Assessment of quantitative hypertrophy scores in hypertrophic cardiomyopathy: magnetic resonance imaging versus echocardiography (Posma et al.). 1996;132:1020-7

Clinical and echocardiographic follow-up after aortic valve reconstruction with bovine or autologous pericardium (Björnstad et al.). 1996;132:1173-8

Echinococcosis of the heart: clinical and echocardiographic features in 19 patients (Bashour et al.). 1996;132:1028-30

Echocardiography in the evaluation of cardiac pheochromocytoma (Mandak et al.). 1996;132:1063-6 (Brief comm.)

Intrapericardial echogenic images and development of constrictive pericarditis in patients with pericardial effusion (Sinha et al.). 1996;132:1968-72 (Brief comm.)

Quantitative assessment of stenotic aortic valve area by using intracardiac echocardiography: in vitro validation and initial in vivo illustration (Jiang et al.). 1996;132:137-44

Relation between severity of mitral regurgitation and prognosis of mitral valve prolapse: echocardiographic follow-up study (Kim et al.). 1996;132:348-55

Spectrum of structural abnormalities in floppy mitral valve echocardiographic evaluation (Malkowski et al.). 1996;132:145-51

Echocardiography, ambulatory

Effects of β -blockade with bisoprolol on heart rate variability in advanced heart failure: analysis of scatterplots of R-R intervals at selected heart rates (Copie et al.). 1996;132:369-75

Echocardiography, contrast

Myocardial contrast echocardiography: reliable, safe, and efficacious myocardial perfusion assessment after intravenous injections of a new echocardiographic contrast agent (Meza et al.). 1996;132:871-81 (Prog. cardiol.)

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Echocardiography, Doppler

Characterization of left atrial appendage Doppler flow in atrial fibrillation and flutter by Fourier analysis (Grimm et al.). 1996;132:286-96

Contrast enhancement of mitral regurgitation to estimate left ventricular systolic pressure (Donovan and Armstrong). 1996;132:884-6 (Brief comm.)

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changing hemodynamic conditions (Deng et al.). 1996;132:633-41

Doppler transesophageal echocardiographic determination of aortic valve area in adults with aortic stenosis (Stoddard et al.). 1996;132:337-42

Evaluation of eccentric aortic regurgitation by color Doppler jet and color Doppler-imaged vena contracta measurements: an animal study of quantified aortic regurgitation (Ishii et al.). 1996;132:796-804

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Patterns of Doppler-measured blood flow velocity in the normal and fibrillating human left atrial appendage (Fatkı and Fenley). 1996;132:995-1003

Quantitative Doppler tissue imaging for assessment of regional myocardial velocities during transient ischemia and reperfusion (Bach et al.). 1996;132:721-5

Echocardiography, four-dimensional

Four-dimensional echocardiography: methods and clinical application (Wang et al.). 1996;132:672-84 (Prog. cardiol.)

Echocardiography, stress

Detection of regional perfusion abnormalities during adenosine stress echocardiography with intravenous perfluorocarbon-exposed sonicated dextrose albumin (Porter et al.). 1996;132:41-7

Evaluation of contractile reserve by dobutamine echocardiography: noninvasive estimation of the severity of heart failure (Marmor et al.). 1996;132:1195-201

Echocardiography, three-dimensional

Volume-rendered, three-dimensional echocardiographic determination of the size, shape, and position of atrial septal defects: validation in an in vitro model (Magni et al.). 1996;132:376-81

Echocardiography, transesophageal

Correspondence of aortic valve area determination from transesophageal echocardiography, transthoracic echocardiography, and cardiac catheterization (Kim et al.). 1996;132:1163-72

Diagnosis of mitral valve aneurysms by transesophageal echocardiography (Roguin et al.). 1996;132:689-91 (Brief comm.)

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Four-dimensional echocardiography: methods and clinical application (Wang et al.). 1996;132:672-84 (Prog. cardiol.)

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Penetration of the atrialventricular septum by spread of infection from aortic valve endocarditis: early diagnosis by transesophageal echocardiography and implications for surgical management (Barbour et al.). 1996;132:1287-9 (Brief comm.)

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Transesophageal echocardiography in the evaluation of cardiothoracic trauma (Mollod and Felner). 1996;132:841-9 (Curriculum cardiol.)

Tricuspid papillary muscle rupture after coronary artery bypass surgery: identification by transesophageal echocardiography (Joffe et al.). 1996;132:1055-8 (Brief comm.)

Echocardiography, transesophageal—cont'd

Use of miniature biplane transesophageal echocardiography during pediatric atrial catheter interventional procedures (Douglas and Fyfe). 1996;132:179-86 (Prog. cardiol.)

Echocardiography, transthoracic

Correspondence of aortic valve area determination from transesophageal echocardiography, transthoracic echocardiography, and cardiac catheterization (Kim et al.). 1996;132:1163-72

Echocardiography, two-dimensional

Cardiac complications in noncardiac surgery: relative value of resting two-dimensional echocardiography and dipyridamole thallium imaging (Kontos et al.). 1996;132:559-66

Use of miniature biplane transesophageal echocardiography during pediatric atrial catheter interventional procedures (Douglas and Fyfe). 1996;132:179-86 (Prog. cardiol.)

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Publisher's announcement (Trumbold and Van Schaik). 1996; 132:1107

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In appreciation (Mason). 1996;132:1324 (Letter)

Looking back (Young). 1996;132:1324 (Letter)

Stepping off the treadmill (Flatt). 1996;132:1323-4 (Letter)

Editors

Editorials. 1996;132:203-10, 460-2, 463-4, 702-10, 900-20, 1095-106, 1329-40

Elderly; see Aged**Electric countershock**

An aggressive approach in converting resistant atrial fibrillation (Bleyer et al.). 1996;132:1304-6 (Brief comm.)

Electrocardiography

Acute electrocardiographic pseudoinfarction pattern in the setting of diabetic ketoacidosis and severe hyperkalemia (Swerdlow and Murphy). 1996;132:1086-9 (Brief comm.)

Cardiac transplant rejection is associated with a decrease in the high-frequency components of the high-resolution, signal-averaged electrocardiogram (Graceffo and O'Rourke). 1996; 132:820-6

Circadian fluctuations of late potentials detected by signal-averaged electrocardiogram (Goldhammer and Abinader). 1996;132:1298-9 (Brief comm.)

Combined rest and exercise electrocardiographic repolarization findings in relation to structural and functional abnormalities in asymptomatic aortic regurgitation (Chen et al.). 1996;132:343-7

DOBUTAMINE-induced ST segment elevation and ventricular fibrillation with nonsignificant coronary artery disease (Shahen et al.). 1996;132:1058-60 (Brief comm.)

Electrocardiograms of Wolff-Parkinson-White syndrome simulating other conditions (Wang et al.). 1996;132:152-5 (Curriculum cardiol.)

Erythromycin-induced polymorphous ventricular tachycardia with normal QT interval (Chennareddy et al.). 1996;132:691-4 (Brief comm.)

Monophasic action potential recordings during T-wave alternans in congenital long QT syndrome (Shimizu et al.). 1996; 132:699-701 (Brief comm.)

P mitrale-P pulmonale variation (Malcolm). 1996;132:1322 (Letter)

Right ventricular infarction mimicking acute anteroapical left ventricular infarction (Khan and Chou). 1996;132:1089-93 (Brief comm.)

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Lack of proarrhythmia as assessed by Holter monitor after atrial radiofrequency ablation of supraventricular tachycardia in children (Johnson et al.). 1996;132:120-4

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Electrolytes

Significance of magnesium in congestive heart failure (Douban et al.). 1996;132:664-71 (Curriculum cardiol.)

Electron-beam computed tomography; see Tomography**Electron spin resonance**

Prolonged coronary artery occlusion-reperfusion sequences reduce myocardial free radical production: an electron paramagnetic resonance study (Lindauer et al.). 1996;132:1147-55

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rhythmias at baseline electrophysiologic testing (Zaim et al.). 1996;132:274-9

Clinical and electrophysiologic features of exercise-induced atrioventricular block (Sumiyoshi et al.). 1996;132:1277-81 (Brief comm.)

Effect of an intravenous angiotensin-converting enzyme inhibitor on the electrophysiologic features of normal and hypertrophied feline ventricles (Rials et al.). 1996;132:989-94

Long-term results of electrophysiologically guided sotalol therapy for life-threatening ventricular arrhythmias (Lee et al.). 1996;132:973-8

Embolic stroke; see Cerebrovascular disorders**Embolism**

Bullet embolus from the heart to the right subclavian artery after gunshot wound to the right chest (Bilske et al.). 1996;132:1093-4 (Brief comm.)

Coronary embolism (Cheng) (Letter); (Takenaka) (Reply). 1996; 132:1314-6

Massive aortic thrombus detected by transesophageal echocardiography as a cause of peripheral emboli in young patients (Wells et al.). 1996;132:882-3 (Brief comm.)

End-systolic wall stress; see Stroke volume**Endocarditis**

Penetration of the atrioventricular septum by spread of infection from aortic valve endocarditis: early diagnosis by transesophageal echocardiography and implications for surgical management (Barbour et al.). 1996;132:1287-9 (Brief comm.)

Endomyocardial biopsy; see Biopsy**Endoscopy**

Effective therapy with transthoracic video-assisted endoscopic coagulation of the left stellate ganglion and upper sympathetic trunk in congenital long-QT syndrome (Wong et al.). 1996;132:1060-3 (Brief comm.)

Endothelins

Endothelin-1: A scientist's curiosity, or a real player in ischemic heart disease? (Cesari et al.). 1996;132:1236-43 (Prog. cardiol.)

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Endothelium

Impaired endothelial function with essential hypertension assessed by ultrasonography (Iiyama et al.). 1996;132:779-82

Environmental tobacco smoke; see Tobacco smoke pollution**Epidemiologic factors**

Implications of the links between hypertension and myocardial infarction for choice of drug therapy in patients with hypertension (Meredith). 1996;132:222-8 (Symposium)

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Distortion of intravascular ultrasound images because of non-uniform angular velocity of mechanical-type transducers (Kimura et al.). 1996;132:328-36

First experience with a new nonthoracotomy defibrillation lead system (Trappe et al.). 1996;132:599-607

Four-dimensional echocardiography: methods and clinical application (Wang et al.). 1996;132:672-84 (Prog. cardiol.)

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Erythromycin

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Estradiol

β -Estradiol, but not α -estradiol, reduces myocardial necrosis in rabbits after ischemia and reperfusion (Hale et al.). 1996; 132:258-62

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Extrasystole

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Extremities

Elevated levels of basic fibroblast growth factor in patients with limb ischemia (Rohovsky et al.). 1996;132:1015-9

Influence of intrinsic limb vasodilator capacity on exercise tolerance in patients with recent myocardial infarction (Hattori et al.). 1996;132:593-8

F

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Myocardial viability: methods of assessment and clinical relevance (Iskandrian et al.). 1996;132:1226-35 (Prog. cardiol.)

Femoral bleeding; see Hemorrhage

Fibrillating left atrial appendage; see Atrial fibrillation

Fibrinolysis

Effect of doxazosin on fibrinolysis in hypertensive patients with and without insulin resistance (Jeng et al.). 1996;132:783-9

Fibroblast growth factor

Elevated levels of basic fibroblast growth factor in patients with limb ischemia (Rohovsky et al.). 1996;132:1015-9

Fibrosarcoma

Primary cardiac fibrosarcoma (Anand et al.) (Letter); (Valente and Basso) (Reply). 1996;132:1320-1

Floppy mitral valve; see Mitral valve prolapse

Flosequinan

Importance of assessing changes in ventricular response to atrial fibrillation during evaluation of new heart failure therapies: experience from trials of flosequinan (Massie et al.). 1996;132:130-6

Fluorocarbons

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Fourier analysis

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G

Gianturco coils; see Surgical equipment

Glucose

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Glycoproteins

Pericardial mesothelioma secreting thrombomodulin (Okura et al.). 1996;132:1309-11 (Brief comm.)

Graft rejection

Cardiac transplant rejection is associated with a decrease in the high-frequency components of the high-resolution, signal-averaged electrocardiogram (Graceffo and O'Rourke). 1996;132:820-6

Gray hair, premature; see Hair

Growth hormone; see Somatotropin

Guide wire; see Equipment and supplies

Gunshot wound; see Wounds, gunshot

H

Hair

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Heart, physiopathology

Cardiac dysfunction with Becker muscular dystrophy (Saito et al.). 1996;132:642-7

Effects of changes in atrioventricular gradient and contractility on left ventricular filling in human diastolic cardiac dysfunction (Lenihan et al.). 1996;132:1179-88

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Heart aneurysm

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Juxtaposition of the morphologically left atrial appendage in solitus and inversus atria: a study of 18 postmortem cases (Van Praagh et al.). 1996;132:391-402

Juxtaposition of the morphologically right atrial appendage in solitus and inversus atria: a study of 35 postmortem cases (Van Praagh et al.). 1996;132:382-90

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Clinical and electrophysiologic features of exercise-induced atrioventricular block (Sumiyoshi et al). 1996;132:1277-81 (Brief comm.)

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Correspondence of aortic valve area determination from transesophageal echocardiography, transthoracic echocardiography, and cardiac catheterization (Kim et al). 1996;132:1163-72
Progression of valvular aortic stenosis in adults: literature review and clinical implications (Faggiano et al). 1996;132:408-17 (Curriculum cardioli.)

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Long-term outcome after radiofrequency catheter ablation of atrioventricular nodal reentrant tachycardia with the anterior-approach method (Pires et al). 1996;132:125-9
Radiofrequency ablation therapy of the posteroseptal accessory pathway (Wen et al). 1996;132:612-20

Heart contractility; see Myocardial contraction**Heart defects, congenital**

Atrial septal defect: increase in left-to-right shunt after myocardial infarction (Bhagwat and Maze). 1996;132:1308-9 (Brief comm.)

Congenital absence of the pulmonary valve with tetralogy of Fallot with associated aortic stenosis and patent ductus arteriosus: a prenatal diagnosis (Rowland et al). 1996;132:1075-7 (Brief comm.)

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Feasibility and effectiveness of repeated balloon dilatation of restenosed congenital obstructions after previous balloon valvuloplasty/angioplasty (Rao et al). 1996;132:403-7

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Juxtaposition of the morphologically right atrial appendage in solitus and inversus atria: a study of 35 postmortem cases (Van Praagh et al). 1996;132:382-90

Medium-term results of experimental stent implantation into the ductus arteriosus (Rosenthal et al). 1996;132:657-63

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Volume-rendered, three-dimensional echocardiographic determination of the size, shape, and position of atrial septal defects: validation in an in vitro model (Magni et al). 1996;132:376-81

Heart disease, ischemic; see Myocardial ischemia**Heart diseases, diagnosis**

Electrocardiograms of Wolff-Parkinson-White syndrome simulating other conditions (Wang et al). 1996;132:152-5 (Curriculum cardioli.)

Magnetic resonance imaging in ischemic heart disease (Steffens et al). 1996;132:156-73 (Prog. cardiol.)

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Remodeling cardiac rehabilitation into secondary prevention programs (Merz and Rozanski). 1996;132:418-27 (Curriculum cardioli.)

Heart diseases, rehabilitation

Effects of cardiac rehabilitation and exercise training programs on depression in patients after major coronary events (Milani et al). 1996;132:726-32

Remodeling cardiac rehabilitation into secondary prevention programs (Merz and Rozanski). 1996;132:418-27 (Curriculum cardioli.)

Heart failure, congestive

Clinical status of patients removed from a transplant waiting list rivals that of transplant recipients at significant cost savings (Levine et al). 1996;132:1189-94

Effects of β -blockade with bisoprolol on heart rate variability in advanced heart failure: analysis of scatterplots of R-R intervals at selected heart rates (Copie et al). 1996;132:369-75

Evaluation of contractile reserve by dobutamine echocardiography: noninvasive estimation of the severity of heart failure (Marmor et al). 1996;132:1195-201

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Mediastinal lipoma mimicking dextrocardia and cardiac enlargement: diagnosis by magnetic resonance imaging (Reddy et al). 1996;132:894-7 (Brief comm.)

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Heart neoplasms; see also Specific neoplasms

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Radiofrequency ablation of ventricular tachycardia in an infant with cardiac tumors (Kohli et al). 1996;132:198-200 (Brief comm.)

Separate myxomas in left atrium and right ventricle (Bashour et al). 1996;132:1295-8 (Brief comm.)

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Heart rate

Effects of β -blockade with bisoprolol on heart rate variability in advanced heart failure: analysis of scatterplots of R-R intervals at selected heart rates (Copie et al). 1996;132:369-75

Heart rate—cont'd

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Heart septal defects, atrial

Atrial septal defect: increase in left-to-right shunt after myocardial infarction (Bhagwat and Maze). 1996;132:1308-9
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Magnetic resonance imaging of anomalous origin of the right pulmonary artery from the ascending aorta in association with ventricular septal defect (Lin et al). 1996;132:1073-4
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Heart septum

Penetration of the atrioventricular septum by spread of infection from aortic valve endocarditis: early diagnosis by transesophageal echocardiography and implications for surgical management (Barbour et al). 1996;132:1287-9
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Cardiac transplant rejection is associated with a decrease in the high-frequency components of the high-resolution, signal-averaged electrocardiogram (Graceffo and O'Rourke). 1996;132:820-6

Clinical status of patients removed from a transplant waiting list rivals that of transplant recipients at significant cost savings (Levine et al). 1996;132:1189-94

Congenital long-QT syndrome: deleterious effect of long-term high-rate ventricular pacing and definitive treatment by cardiac transplantation (Klein et al). 1996;132:1079-81
(Brief comm.)

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(Brief comm.)

Heart valve diseases

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Coronary embolism (Cheng) (Letter); (Takenaka) (Reply). 1996;132:1314-6

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(Brief comm.)

Severely symptomatic mitral stenosis with a low gradient: a case for low-technology medicine (Rayburn and Fortuin). 1996;132:628-32

Heart ventricle

Effects of changes in atrioventricular gradient and contractility on left ventricular filling in human diastolic cardiac dysfunction (Lenihan et al). 1996;132:1179-88

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(Editorial)

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(Brief comm.)

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(Brief comm.)

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Infected sternal fracture hematoma after cardiopulmonary resuscitation initially seen as pericarditis (Wehrens et al). 1996;132:685-6
(Brief comm.)

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(Brief comm.)

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Determination of mitral valve area in patients with mitral stenosis by the flow-convergence-region method during changing hemodynamic conditions (Deng et al). 1996;132:633-41

Mitral flow velocity changes after 6 months of optimized therapy provide important hemodynamic and prognostic information in patients with chronic heart failure (Traversi et al). 1996;132:809-19

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(Curriculum cardiol.)

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No subacute thrombosis and femoral bleeding complications under full anticoagulation in 150 consecutive patients receiving non-heparin-coated intracoronary Palmaz-Schatz stents (Lee et al). 1996;132:1135-46

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Heparin

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Exercise training and heparin pretreatment in patients with coronary artery disease (Gagliardi et al). 1996;132:946-51
Local intracoronary heparin delivery with a microporous balloon catheter (Thomas et al). 1996;132:969-72

Hibernating myocardium; see Myocardium entries

Historical article

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(Prog. cardiol.)

Historical articles

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(Editorial)

HIV

Pericardial tamponade from Kaposi's sarcoma: role of early pericardial window (Vijay et al). 1996;132:897-9
(Brief comm.)

Holmes, Andrew F.

The Holmes heart: historic associations and pathologic anatomy (Dobell and Van Praagh). 1996;132:437-45
(Prog. cardiol.)

Holter monitor; see Electrocardiography, ambulatory

Homograft; see Transplantation, homologous

Hormone replacement therapy, post-menopausal; see Estrogen replacement therapy

Hormones

The role of neurohormonal activation in chronic heart failure and postmyocardial infarction (Sigurdsson and Swedberg). 1996;132:229-34
(Symposium)

Hospitals

Epidemiologic characteristics, management, and outcome of deep venous thrombosis in a tertiary-care hospital: the Brigham and Women's Hospital DVT Registry (Piccoli et al). 1996;132:1010-4

Human immunodeficiency virus; see HIV

Hydatid cyst

Echinococcosis of the heart: clinical and echocardiographic features in 19 patients (Bashour et al). 1996;132:1028-30

Hyperemia

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Hyperkalemia

Acute electrocardiographic pseudoinfarction pattern in the setting of diabetic ketoacidosis and severe hyperkalemia (Swertitsch and Murphy). 1996;132:1086-9 (*Brief comm.*)

Hypertension

Effect of doxazosin on fibrinolysis in hypertensive patients with and without insulin resistance (Jeng et al). 1996;132:783-9

Endothelin-1 plasma levels in essential hypertension: increased levels with coronary artery disease (Cassone et al). 1996;132:1048-9 (*Brief comm.*)

Impaired endothelial function with essential hypertension assessed by ultrasonography (Iiyama et al). 1996;132:779-82

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Novel delivery system for verapamil designed to achieve maximal blood pressure control during the early morning (Neutel et al). 1996;132:1202-6

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Vascular hypertrophy is an early finding in essential hypertension and is related to arterial pressure waveform contour (Tice et al). 1996;132:621-7

Hypertrophic cardiomyopathy; see Cardiomyopathy, hypertrophic**Hypertrophy**

Vascular hypertrophy is an early finding in essential hypertension and is related to arterial pressure waveform contour (Tice et al). 1996;132:621-7

Hypertrophy, left ventricular

Effect of an intravenous angiotensin-converting enzyme inhibitor on the electrophysiologic features of normal and hypertrophied feline ventricles (Rials et al). 1996;132:989-94

Hypoxia; see Anoxia**Inflammation**

Alterations in circulating intercellular adhesion molecule-1 and L-selectin: further evidence for chronic inflammation in ischemic heart disease (Haught et al). 1996;132:1-8

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Infusions, intracoronary

Local intracoronary heparin delivery with a microporous balloon catheter (Thomas et al). 1996;132:969-72

Infusions, intravenous

Acute myocardial infarction, reperfusion injury, and intravenous magnesium therapy: basic concepts and clinical implications (Steurer et al). 1996;132:478-82 (*Symposium*)

Effect of an intravenous angiotensin-converting enzyme inhibitor on the electrophysiologic features of normal and hypertrophied feline ventricles (Rials et al). 1996;132:989-94

Is there a place for magnesium in the treatment of acute myocardial infarction? (Seelig and Elin). 1996;132:471-7 (*Symposium*)

Inotropic therapy; see Cardiotonic agents**Insulin**

Effect of doxazosin on fibrinolysis in hypertensive patients with and without insulin resistance (Jeng et al). 1996;132:783-9

Interatrial septal aneurysm; see Heart aneurysm**Intercellular adhesion molecule-1; see Cell adhesion molecules****Intracardiac echocardiography; see Echocardiography****Intracardiac thrombus; see Thrombosis****Intracoronary stenting; see Stents****Intracoronary ultrasound; see Ultrasonography****Intraoperative complications**

Cardiac complications in noncardiac surgery: relative value of resting two-dimensional echocardiography and dipyridamole thallium imaging (Kontos et al). 1996;132:559-66

Dipyridamole technetium 99m sestamibi myocardial tomography for preoperative cardiac risk stratification before major or minor nonvascular surgery (Stratmann et al). 1996;132:536-41

Reduction in angioplasty complications after the introduction of coronary stents: results from a consecutive series of 2242 patients (Altmann et al). 1996;132:503-7

Intrapericardial echogenic images; see Echocardiography**Intravascular imaging; see Diagnostic imaging****Intravascular ultrasound; see Ultrasonography****Inversus atria; see Heart defects, congenital****Ischemia**

Increased levels of basic fibroblast growth factor in patients with limb ischemia (Rohovsky et al). 1996;132:1015-9

Ischemic cardiomyopathy; see Myocardial ischemia**Ischemic heart disease; see Myocardial ischemia****J****Juxtaposition of atrial appendage; see Heart defects, congenital****K****Kaposi's sarcoma; see Sarcoma****Kidney failure, chronic**

Contrast nephropathy after coronary angioplasty in chronic renal insufficiency (Vlietstra et al). 1996;132:1049-50 (*Brief comm.*)

Kinetics

Technetium 99m-Q12 kinetics in perfused rat myocardium: effects of hypoxia and low flow (Okada et al). 1996;132:108-15

L**L-Arginine; see Arginine****Lasers**

New concepts in pain management and in the application of low-power laser for relief of cervicothoracic pain syndromes (Lee et al). 1996;132:1329-34 (*Editorial*)

Left atrial hematoma; see Hematoma**Left ventricular ejection fraction; see Stroke volume****Left ventricular infarct; see Infarction****Left ventricular pseudoaneurysm; see Heart aneurysm****Left ventricular systolic dysfunction; see Ventricular function, left****Left ventricular systolic pressure; see Systole****Left ventricular volumes; see Stroke volume****Iliac artery**

Vascular repair mechanisms after directional atherectomy or percutaneous transluminal coronary angioplasty in atherosclerotic rabbit iliac arteries (Wilensky et al). 1996;132:13-22

Implantable cardioverter-defibrillators; see Defibrillators, implantable**In vitro intravascular ultrasound; see Ultrasonography****Infant; see also Child**

Infant atrial septal aneurysms and atrial arrhythmias in infants (Miga et al). 1996;132:776-8

Radiofrequency ablation of ventricular tachycardia in an infant with cardiac tumors (Kohli et al). 1996;132:198-200 (*Brief comm.*)

Infant, small for gestational age

Transcatheter closure with single or multiple Gianturco coils of patent ductus arteriosus in infants weighing 8 kg: retrograde versus antegrade approach (Hijazi et al). 1996;132:827-35

Infarction

Right ventricular infarction mimicking acute anteroseptal left ventricular infarction (Khan and Chou). 1996;132:1089-93 (*Brief comm.*)

Infection

Infected sternal fracture hematoma after cardiopulmonary resuscitation initially seen as pericarditis (Wehrens et al). 1996;132:685-6 (*Brief comm.*)

Penetration of the atrialventricular septum by spread of infection from aortic valve endocarditis: early diagnosis by transophageal echocardiography and implications for surgical management (Barbour et al). 1996;132:1287-9 (*Brief comm.*)

Leg

Chronic venous insufficiency: mechanisms and management (Ibrahim et al). 1996;132:856-60 (Curriculum cardiol.)

Leg ulcer

Chronic venous insufficiency: mechanisms and management (Ibrahim et al). 1996;132:856-60 (Curriculum cardiol.)

Leicester Intravenous Magnesium Intervention Trial (LIMIT-2)

Editorial: Magnesium in acute myocardial infarction (Smetana). 1996;132:463-4 (Symposium)

Letters

Anesthesia in peripartum cardiomyopathy (Perkins) (Letter); (Lang) (Reply). 1996;132:1320

In appreciation (Mason). 1996;132:1324

Coronary embolism (Cheng) (Letter); (Takenaka) (Reply). 1996; 132:1314-6

CPR during pregnancy (Perkins) (Letter); (Page) (Reply). 1996; 132:1319

Diastolic mitral regurgitation with atrial flutter (Malcolm). 1996;132:1321-2

Duplicate publication—Left atrial function after atrial fibrillation cardioversion (Mason). 1996;132:1322-3

Endothelin and pulmonary blood flow (Ross) (Letter); (Gorenflo) (Reply). 1996;132:1317-9

Letters of appreciation. 1996;132:1325-8

Looking back (Young). 1996;132:1324

Oxygen administration and acute myocardial infarct size (Weisse) (Letter); (Kelly et al) (Reply). 1996;132:1316-7

P mitrale-P pulmonale variation (Malcolm). 1996;132: 1322

Premature gray hair and coronary artery disease (Gould) (Letter); (Schnohr and Nyboe) (Reply). 1996;132:1317

Primary cardiac fibrosarcoma (Anand et al) (Letter); (Valente and Basso) (Reply). 1996;132:1320-1

Sinus of Valsalva aneurysms (Cheng) (Letter); (Rahko) (Reply). 1996;132:1319

Stepping off the treadmill (Flatt). 1996;132:1323-4

Leukocyte count

Band neutrophil count and the presence and severity of coronary atherosclerosis (Kawaguchi et al). 1996;132:9-12

Limbs; see Extremities

Lipids

Changes in plasma lipids and lipoproteins associated with starting or stopping postmenopausal hormone replacement therapy (Folsom et al). 1996;132:952-8

Myocardial imaging with a new transpulmonary lipid-fluorocarbon echo contrast agent: experimental studies in pigs (Grauer et al). 1996;132:938-45

Lipoma

Mediastinal lipoma mimicking dextrocardia and cardiac enlargement: diagnosis by magnetic resonance imaging (Reddy et al). 1996;132:894-7 (Brief comm.)

Lipoprotein(a)

High serum concentration of lipoprotein(a) is a risk factor for restenosis after percutaneous transluminal coronary angioplasty in Japanese patients with single-vessel disease (Miyauchi et al). 1996;132:269-73

Lipoproteins

Changes in plasma lipids and lipoproteins associated with starting or stopping postmenopausal hormone replacement therapy (Folsom et al). 1996;132:952-8

Liposomes

Reduction of canine infarct size by bolus intravenous administration of liposomal prostaglandin E₁: comparison with control, placebo liposomes, and continuous intravenous infusion of prostaglandin E₁ (Feld et al). 1996;132:747-57

Long QT syndrome

Atrial septal defect: increase in left-to-right shunt after myocardial infarction (Bhagwat and Maze). 1996;132:1308-9 (Brief comm.)

Congenital long-QT syndrome: deleterious effect of long-term high-rate ventricular pacing and definitive treatment by cardiac transplantation (Klein et al). 1996;132:1079-81 (Brief comm.)

Effective therapy with transthoracic video-assisted endoscopic coagulation of the left stellate ganglion and upper sympathetic trunk in congenital long-QT syndrome (Wong et al). 1996;132:1060-3 (Brief comm.)

Monophasic action potential recordings during T-wave alternans in congenital long QT syndrome (Shimizu et al). 1996; 132:699-701 (Brief comm.)

Lupus coagulation inhibitor

Multiple early percutaneous transluminal coronary angioplasty failures related to lupus anticoagulant (Chambers et al). 1996;132:189-90 (Brief comm.)

M

Magnesium

Acute myocardial infarction, reperfusion injury, and intravenous magnesium therapy: basic concepts and clinical implications (Steuer et al). 1996;132:478-82 (Symposium)

Editorial: Magnesium in acute myocardial infarction (Smetana). 1996;132:463-4 (Symposium)

Is there a place for magnesium in the treatment of acute myocardial infarction? (Seelig and Elin). 1996;132:471-7 (Symposium)

Magnesium in acute myocardial infarction: overview of available evidence (Antman). 1996;132:487-95 (Symposium)

Management of acute myocardial infarction: evaluating the past, practicing in the present, elaborating the future (Glogar et al). 1996;132:465-70 (Symposium)

The rationale of magnesium as alternative therapy for patients with acute myocardial infarction without thrombolytic therapy (Shechter et al). 1996;132:483-6 (Symposium)

Significance of magnesium in congestive heart failure (Douban et al). 1996;132:664-71 (Curriculum cardiol.)

Magnetic resonance imaging

Assessment of quantitative hypertrophy scores in hypertrophic cardiomyopathy: magnetic resonance imaging versus echocardiography (Posma et al). 1996;132:1020-7

Magnetic resonance imaging in ischemic heart disease (Steffens et al). 1996;132:156-73 (Prog. cardiol.)

Magnetic resonance imaging of anomalous origin of the right pulmonary artery from the ascending aorta in association with ventricular septal defect (Lin et al). 1996;132:1073-4 (Brief comm.)

Mediastinal lipoma mimicking dextrocardia and cardiac enlargement: diagnosis by magnetic resonance imaging (Reddy et al). 1996;132:894-7 (Brief comm.)

Quantification of the extent of area at risk with fast contrast-enhanced magnetic resonance imaging in experimental coronary artery stenosis (Saeed et al). 1996;132:921-32

Mammary arteries

Patent double internal mammary artery implants (Vineberg's procedure) 27 years later with development of collaterals supplying the left anterior descending and circumflex coronary arteries (Bashour et al). 1996;132:1285-7 (Brief comm.)

Mediastinal lipoma; see Lipoma

Medical centers

Training in cardiac catheterization at high-volume and low-volume centers: Is there a difference in case mix? (Ballal et al). 1996;132:460-2 (Editorial)

Mental stress; see Stress, psychological

Mesothelioma

Pericardial mesothelioma secreting thrombomodulin (Okura et al). 1996;132:1309-11 (Brief comm.)

Metoprolol

Comparative study of the efficacy of metoprolol and verapamil in patients with syncope and positive head-up tilt test response (Jhamb et al). 1996;132:608-11

Microporous balloon catheter; see Balloon dilatation

Mitral annular calcification; see Calcification

Mitral regurgitation; see Mitral valve insufficiency

Mitral valve aneurysm; see Aneurysm

Mitral valve insufficiency

Cardiac dysfunction with Becker muscular dystrophy (Saito et al). 1996;132:642-7

Contrast enhancement of mitral regurgitation to estimate left ventricular systolic pressure (Donovan and Armstrong). 1996;132:884-6 (Brief comm.)

Diastolic mitral regurgitation with atrial flutter (Malcolm). 1996;132:1321-2 (Letter)

Relation between severity of mitral regurgitation and prognosis of mitral valve prolapse: echocardiographic follow-up study (Kim et al). 1996;132:348-55

Mitral valve prolapse

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Spectrum of structural abnormalities in floppy mitral valve echocardiographic evaluation (Malkowski et al). 1996;132: 145-51

Mitral valve stenosis

Determination of mitral valve area in patients with mitral stenosis by the flow-convergence-region method during changing hemodynamic conditions (Deng et al). 1996;132:633-41

Immediate and long-term effect of mitral balloon valvotomy on left ventricular volume and systolic function in severe mitral stenosis (Fawzy et al). 1996;132:356-60

Severely symptomatic mitral stenosis with a low gradient: a case for low-technology medicine (Rayburn and Fortuin). 1996;132:628-32

Mitral valvoplasty; see Balloon dilatation**Muscular dystrophy**

Cardiac dysfunction with Becker muscular dystrophy (Saito et al). 1996;132:642-7

Myocardial contraction

Evaluation of contractile reserve by dobutamine echocardiography: noninvasive estimation of the severity of heart failure (Marmor et al). 1996;132:1195-1201

Myocardial free radicals; see Free radicals**Myocardial imaging; see Echocardiography****Myocardial infarction**

Acute electrocardiographic pseudoinfarction pattern in the setting of diabetic ketoacidosis and severe hyperkalemia (Swerdlow and Murphy). 1996;132:1086-9 (Brief comm.)

Myocardial infarction, complications

Atrial septal defect: increase in left-to-right shunt after myocardial infarction (Bhagwat and Maze). 1996;132:1308-9 (Brief comm.)

Circadian fluctuations of late potentials detected by signal-averaged electrocardiogram (Goldhammer and Abinader). 1996;132:1298-9 (Brief comm.)

Epidemiologic assessment of angina before and after myocardial infarction: the Framingham Study (Brand et al). 1996;132:174-8 (Prog. cardiol.)

Papillary muscle rupture after successful coronary artery bypass procedures: report of three cases treated by prompt reoperation (Baladi et al). 1996;132:1272-5 (Brief comm.)

Myocardial infarction, diagnosis

Myocardial integrated ultrasonic backscatter in patients with old myocardial infarction: comparison with radionuclide evaluation (Naito et al). 1996;132:54-60

Pseudo-myocardial infarction in transurethral resection syndrome (Gustafson et al). 1996;132:1053-4 (Brief comm.)

Right ventricular infarction mimicking acute anteroseptal left ventricular infarction (Khan and Chou). 1996;132:1089-93 (Brief comm.)

Myocardial infarction, drug therapy

Benefit of converting enzyme inhibition on left ventricular volume and ejection fraction in patients receiving β -blockade after myocardial infarction (Bonarjee et al). 1996;132:71-7

Who should be treated with angiotensin-converting enzyme inhibitors after myocardial infarction? (Ball and Hall). 1996;132:244-50 (Symposium)

Myocardial infarction, epidemiology

Circadian, day-of-week, and seasonal variability in myocardial infarction: comparison between working and retired patients (Spielberg et al). 1996;132:579-85

Myocardial infarction, etiology

Acute myocardial infarction caused by blunt chest trauma: successful treatment by direct coronary angioplasty (Marcum et al). 1996;132:1275-7 (Brief comm.)

Current incidence and determinants of perioperative myocardial infarction in coronary artery surgery (Greaves et al). 1996;132:572-8

L-Arginine decreases infarct size in rats exposed to environmental tobacco smoke (Zhu et al). 1996;132:91-100

Spontaneous coronary artery dissection in a young man with inferior wall myocardial infarction (Shah et al). 1996;132:696-8 (Brief comm.)

Myocardial infarction, pathology

Early increase of vasoactive intestinal peptide in acute myocardial infarction (Lucia et al). 1996;132:187-9 (Brief comm.)

Myocardial infarction, physiopathology

Influence of intrinsic limb vasodilator capacity on exercise tolerance in patients with recent myocardial infarction (Hattori et al). 1996;132:593-8

Myocardial infarction, prevention and control

Angiotensin-converting enzyme inhibition after myocardial infarction: the Trandolapril Cardiac Evaluation study (Torp-Pedersen et al). 1996;132:235-43 (Symposium)

Endothelin-1 and myocardial preconditioning (Erikson and Velasco). 1996;132:84-90

Implications of the links between hypertension and myocardial infarction for choice of drug therapy in patients with hypertension (Meredith). 1996;132:222-8 (Symposium)

Links between hypertension and myocardial infarction (Rakugi et al). 1996;132:213-21 (Symposium)

Myocardial infarction and hypertension links and interactions: introduction (Sleight). 1996;132:211-2 (Symposium)

The role of neurohormonal activation in chronic heart failure and postmyocardial infarction (Sigurdsson and Swedberg). 1996;132:229-34 (Symposium)

Who should be treated with angiotensin-converting enzyme inhibitors after myocardial infarction? (Ball and Hall). 1996;132:244-50 (Symposium)

Myocardial infarction, therapy

Acute myocardial infarction, reperfusion injury, and intravenous magnesium therapy: basic concepts and clinical implications (Steurer et al). 1996;132:478-82 (Symposium)

Attenuation of the no-reflow phenomenon after coronary angioplasty for acute myocardial infarction with intracoronary papaverine (Ishihara et al). 1996;132:959-63

Coronary stenting after unsuccessful emergency angioplasty in acute myocardial infarction: results in a series of consecutive patients (Steffenino et al). 1996;132:1115-8

Distal coronary flow velocity immediately after direct angioplasty for acute myocardial infarction (Nakamura et al). 1996;132:251-7

Editorial: Magnesium in acute myocardial infarction (Smetana). 1996;132:463-4 (Symposium)

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Is there a place for magnesium in the treatment of acute myocardial infarction? (Seelig and Elin). 1996;132:471-7 (Symposium)

Magnesium in acute myocardial infarction: overview of available evidence (Antman). 1996;132:487-95 (Symposium)

Management of acute myocardial infarction: evaluating the past, practicing in the present, elaborating the future (Glogar et al). 1996;132:465-70 (Symposium)

Oxygen administration and acute myocardial infarct size (Weisse) (Letter); (Kelly et al) (Reply). 1996;132:1316-7

The rationale of magnesium as alternative therapy for patients with acute myocardial infarction without thrombolytic therapy (Shechter et al). 1996;132:483-6 (Symposium)

Reduction of canine infarct size by bolus intravenous administration of liposomal prostaglandin E₁: comparison with control, placebo liposomes, and continuous intravenous infusion of prostaglandin E₁ (Feld et al). 1996;132:747-57

Safety and feasibility of continuous monitoring of coronary flow velocity in acute myocardial infarction by Doppler guide wire (Nakamura et al). 1996;132:567-71

Myocardial ischemia

Alterations in circulating intercellular adhesion molecule-1 and L-selectin: further evidence for chronic inflammation in ischemic heart disease (Haught et al). 1996;132:1-8

Atrial natriuretic peptide release during myocardial ischemia induced by percutaneous transluminal coronary angioplasty (Nigri et al). 1996;132:698-9 (Brief comm.)

Effect of type A behavioral counseling on frequency of episodes of silent myocardial ischemia in coronary patients (Friedman et al). 1996;132:933-7

Effects of exercise training on left ventricular filling at rest and during exercise in patients with ischemic cardiomyopathy and severe left ventricular systolic dysfunction (Belardinelli et al). 1996;132:61-70

Endothelin-1: A scientist's curiosity, or a real player in ischemic heart disease? (Cesari et al). 1996;132:1236-43 (Prog. cardiol.)

β -Estradiol, but not α -estradiol, reduces myocardial necrosis in rabbits after ischemia and reperfusion (Hale et al). 1996;132:258-62

Fatal myocardial ischemia caused by compression of the left coronary system by a large left sinus of Valsalva aneurysm (Bashour et al). 1996;132:1050-2 (Brief comm.)

Magnetic resonance imaging in ischemic heart disease (Steffens et al). 1996;132:156-73 (Prog. cardiol.)

Quantitative Doppler tissue imaging for assessment of regional myocardial velocities during transient ischemia and reperfusion (Bach et al). 1996;132:721-5

Myocardial ischemia—cont'd

Ventricular premature beat–driven intermittent restoration of coronary blood flow reduces the incidence of reperfusion-induced ventricular fibrillation in a cat model of regional ischemia (Na et al.). 1996;132:78-83

Myocardial necrosis; see Necrosis

Myocardial oxygen consumption; see Oxygen consumption

Myocardial perfusion; see Perfusion

Myocardial reperfusion; see Reperfusion

Myocardial tomography; see Tomography

Myocardial velocity; see Blood flow velocity

Myocardium, metabolism

Inotropic stimulation by dobutamine increases left ventricular regional function at the expense of metabolism in hibernating myocardium (Indolfi et al.). 1996;132:542-9

Myocardial viability: methods of assessment and clinical relevance (Iskandrian et al.). 1996;132:1226-35 (Prog. cardiol.)

Myocardium, physiopathology

Myocardial contrast echocardiography in human beings: correlation of resting perfusion defects to sestamibi single photon emission computed tomography (Meza et al.). 1996;132:528-35

Myocardial viability: methods of assessment and clinical relevance (Iskandrian et al.). 1996;132:1226-35 (Prog. cardiol.)

Myocardial wall velocity assessment by pulsed Doppler tissue imaging: characteristic findings in normal subjects (Garcia et al.). 1996;132:648-56

Potential clinical implications of abnormal myocardial perfusion patterns immediately after reperfusion in a canine model: a myocardial contrast echocardiography (Kates et al.). 1996;132:303-13

Technetium 99m-Q12 kinetics in perfused rat myocardium: effects of hypoxia and low flow (Okada et al.). 1996;132:108-15

Myotonia atrophica

Suppression of ventricular tachycardia by sotalol in myotonic dystrophy (Cohen et al.). 1996;132:446-9 (Brief comm.)

Myxoma

Right atrial thrombus mimicking myxoma in a heart transplant recipient (Rankin et al.). 1996;132:452-4 (Brief comm.)

Separate myxomas in left atrium and right ventricle (Bashour et al.). 1996;132:1295-8 (Brief comm.)

N

Necrosis

β -Estradiol, but not α -estradiol, reduces myocardial necrosis in rabbits after ischemia and reperfusion (Hale et al.). 1996;132:258-62

Negative dromotropism; see Neural conduction

Neoplasm metastasis

Isolated cardiac metastasis of adrenal carcinoma: transesophageal echocardiographic features (Bilge et al.). 1996;132:1066-8 (Brief comm.)

Neoplasms; see also Specific neoplasms

Cancer and venous thromboembolism (Piccioli et al.). 1996;132:850-5 (Curriculum cardiol.)

Normal conduction

Effects of verapamil, propranolol, and procainamide on adenosine-induced negative dromotropism in human beings (Lai et al.). 1996;132:768-75

Neurocardiogenic syncope; see Syncope

Neurohormonal activation; see Hormones

Neutrophils

Band neutrophil count and the presence and severity of coronary atherosclerosis (Kawaguchi et al.). 1996;132:9-12

Nonthoracotomy defibrillation lead system; see Equipment and supplies

Nonuniform angular velocity; see Transducers

O

OPC-18790; see Vasodilator agents

Osler, William

The Holmes heart: historic associations and pathologic anatomy (Dobell and Van Praagh). 1996;132:437-45 (Prog. cardiol.)

Outpatient care; see Ambulatory care

Oxygen

Oxygen administration and acute myocardial infarct size (Weisse) (Letter); (Kelly et al.) (Reply). 1996;132:1316-7

Oxygen consumption

A novel inotropic vasodilator, OPC-18790, reduces myocardial oxygen consumption and improves mechanical efficiency with congestive heart failure (Kanda et al.). 1996;132:361-8

P

P mitrale-P pulmonale; see Electrocardiography

Pain

New concepts in pain management and in the application of low-power laser for relief of cervicothoracic pain syndromes (Lee et al.). 1996;132:1329-34 (Editorial)

The pulsatile pain of acute aortic dissection: a neurosurgeon's personal experience (Hunt and Wooley). 1996;132:1967-8 (Brief comm.)

Palmar-Schatz coronary stent; see Stents

Papaverine

Attenuation of the no-reflow phenomenon after coronary angioplasty for acute myocardial infarction with intracoronary papaverine (Ishihara et al.). 1996;132:959-63

Dynamic planar myocardial perfusion imaging in patients with one-vessel disease with intracoronary injection of technetium 99m teboroxime during papaverine-induced coronary hyperemia (Tartagni et al.). 1996;132:1042-7 (Prog. cardiol.)

Papillary muscles

Papillary muscle rupture after successful coronary artery bypass procedures: report of three cases treated by prompt reoperation (Baladi et al.). 1996;132:1272-5 (Brief comm.)

Tricuspid papillary muscle rupture after coronary artery bypass surgery: identification by transesophageal echocardiography (Joffe et al.). 1996;132:1055-8 (Brief comm.)

Paramagnetic resonance; see Electron spin resonance

Paresis

Left phrenic nerve paresis complicating catheter radiofrequency ablation for Wolff-Parkinson-White syndrome (Rumbak et al.). 1996;132:1281-5 (Brief comm.)

Passive smoking; see Tobacco smoke pollution

Patent ductus arteriosus; see Ductus arteriosus, patent

Patient self-management; see Self care

Penetrating trauma; see Wounds, penetrating

Peptides

Increased plasma levels of B-type natriuretic peptide in patients with unstable angina (Kikuta et al.). 1996;132:101-7

Percutaneous balloon dilatation; see Balloon dilatation

Percutaneous transluminal coronary angioplasty; see Angioplasty, transluminal, percutaneous coronary

Perfluorocarbon; see Fluorocarbons

Perfusion

Detection of regional perfusion abnormalities during adenosine stress echocardiography with intravenous perfluorocarbon-exposed sonicated dextrose albumin (Porter et al.). 1996;132:41-7

Dynamic planar myocardial perfusion imaging in patients with one-vessel disease with intracoronary injection of technetium 99m teboroxime during papaverine-induced coronary hyperemia (Tartagni et al.). 1996;132:1042-7 (Prog. cardiol.)

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Potential clinical implications of abnormal myocardial perfusion patterns immediately after reperfusion in a canine model: a myocardial contrast echocardiography (Kates et al.). 1996;132:303-13

Pericardial effusion

Intrapercardial echogenic images and development of constrictive pericarditis in patients with pericardial effusion (Sinha et al.). 1996;132:1968-72 (Brief comm.)

Pericardial tamponade; see Cardiac tamponade

Pericarditis

Infected sternal fracture hematoma after cardiopulmonary resuscitation initially seen as pericarditis (Wehrens et al.). 1996;132:685-6 (Brief comm.)

Pericarditis, constrictive

Intrapercardial echogenic images and development of constrictive pericarditis in patients with pericardial effusion (Sinha et al.). 1996;132:1968-72 (Brief comm.)

Pericardium

Clinical and echocardiographic follow-up after aortic valve re-

Pericardium—cont'd

construction with bovine or autologous pericardium (Björnstad et al). 1996;132:1173-8
Congenital defect of the left pericardium with sick sinus syndrome (Hano et al). 1996;132:1293-5 (Brief comm.)

Peripheral chemoreflex; see Chemoreceptors

Pheochromocytoma

Echocardiography in the evaluation of cardiac pheochromocytoma (Mandak et al). 1996;132:1063-6 (Brief comm.)

Phrenic nerve

Left phrenic nerve paresis complicating catheter radiofrequency ablation for Wolff-Parkinson-White syndrome (Rumbak et al). 1996;132:1281-5 (Brief comm.)

Pituitary gland

Recombinant growth hormone: a new cardiovascular drug therapy (Gomberg-Maitland and Frishman). 1996;132:1244-62 (Prog. cardiol.)

Placebo effect

The placebo effect in cardiovascular disease (Bienenfeld et al). 1996;132:1207-21 (Curriculum cardiol.)

Plasma

Early increase of vasoactive intestinal peptide in acute myocardial infarction (Lucia et al). 1996;132:187-9 (Brief comm.)

Endothelin-1 plasma levels in essential hypertension: increased levels with coronary artery disease (Cassone et al). 1996;132:1048-9 (Brief comm.)

Increased plasma levels of B-type natriuretic peptide in patients with unstable angina (Kikuta et al). 1996;132:101-7

Plasma lipids; see Lipids

Platelet aggregation inhibitors

No subacute thrombosis and femoral bleeding complications under full anticoagulation in 150 consecutive patients receiving non-heparin-coated intracoronary Palmaz-Schatz stents (Lee et al). 1996;132:1135-46

Polymorphous ventricular tachycardia; see Tachycardia, ventricular

Porcine model; see Disease models, animal

Post-menopausal hormone replacement therapy; see Estrogen replacement therapy

Postmyocardial infarction; see Myocardial infarction entries

Postoperative complications

Reduction of thrombotic and hemorrhagic complications after stent implantation (Pan et al). 1996;132:1119-26

Practice guidelines

Training in cardiac catheterization at high-volume and low-volume centers: Is there a difference in case mix? (Ballal et al). 1996;132:460-2 (Editorial)

Pregnancy

Anesthesia in peripartum cardiomyopathy (Perkins) (Letter); (Lang) (Reply). 1996;132:1320
CPR during pregnancy (Perkins) (Letter); (Page) (Reply). 1996;132:1319

Premature gray hair; see Hair

Prenatal diagnosis

Congenital absence of the pulmonary valve with tetralogy of Fallot with associated aortic stenosis and patent ductus arteriosus: a prenatal diagnosis (Rowland et al). 1996;132:1075-7 (Brief comm.)

Probulcol

Preventive effects of probulcol on restenosis after percutaneous transluminal coronary angioplasty (Watanabe et al). 1996;132:23-9

Procainamide

Effects of verapamil, propranolol, and procainamide on adenosine-induced negative dromotropism in human beings (Lai et al). 1996;132:768-75

Progress in cardiology

Progress in cardiology. 1996;132:156-86, 428-45, 672-84, 861-81, 1042-7, 1226-62

Propranolol

Effects of verapamil, propranolol, and procainamide on adenosine-induced negative dromotropism in human beings (Lai et al). 1996;132:768-75

Prostaglandins E

Reduction of canine infarct size by bolus intravenous administration of liposomal prostaglandin E₁: comparison with control, placebo liposomes, and continuous intravenous infusion of prostaglandin E₁ (Feld et al). 1996;132:747-57

Prostatectomy

Pseudo-myocardial infarction in transurethral resection syndrome (Gustafson et al). 1996;132:1053-4 (Brief comm.)

Pseudo-myocardial infarction; see Myocardial infarction

Pulmonary artery

Emolic stroke after ligation of the pulmonary artery in patients with functional single ventricle (Oski et al). 1996;132:836-40

Isolated anomalous origin of left pulmonary artery from the ascending aorta (Tagliente et al). 1996;132:1289-92 (Brief comm.)

Left ventricular pseudoaneurysm: a cause of unilateral pulmonary edema by compressing the left pulmonary artery (Cocina et al). 1996;132:1306-7 (Brief comm.)

Magnetic resonance imaging of anomalous origin of the right pulmonary artery from the ascending aorta in association with ventricular septal defect (Lin et al). 1996;132:1073-4 (Brief comm.)

Pulmonary blood flow; see Regional blood flow

Pulmonary edema

Left ventricular pseudoaneurysm: a cause of unilateral pulmonary edema by compressing the left pulmonary artery (Cocina et al). 1996;132:1306-7 (Brief comm.)

Pulmonary embolism

Bolus recombinant urokinase versus heparin in deep venous thrombosis: a randomized controlled trial (Goldhaber et al). 1996;132:314-8

Pulsatile pain; see Pain

Pulsed Doppler tissue imaging; see Echocardiography, Doppler

Pulseless disease

Percutaneous transluminal coronary angioplasty in Takayasu's arteritis (Lee and Rao). 1996;132:1084-6 (Brief comm.)

Q

QT interval; see Electrocardiography

Quadriceps aortic valve; see Aortic valve

R

Radiofrequency ablation; see Catheter ablation

Radionuclide imaging

Myocardial integrated ultrasonic backscatter in patients with old myocardial infarction: comparison with radionuclide evaluation (Naito et al). 1996;132:54-60

Reciprocating-supraventricular tachycardia; see Tachycardia, supraventricular

Refractory heart failure; see Heart failure, congestive

Regional blood flow

Endothelin and pulmonary blood flow (Ross) (Letter); (Gorenflo) (Reply). 1996;132:1317-9

Quantitative Doppler tissue imaging for assessment of regional myocardial velocities during transient ischemia and reperfusion (Bach et al). 1996;132:721-5

Respiratory variation of carotid artery flow in cardiac tamponade (Bhagwat and Hoit). 1996;132:1068-70 (Brief comm.)

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Renal artery stenosis complicated by hypertensive heart disease in a young child: successful therapy by balloon angioplasty (Liang et al). 1996;132:1077-9 (Brief comm.)

Renal insufficiency, chronic; see Kidney failure, chronic

Reoperation

Papillary muscle rupture after successful coronary artery bypass procedures: report of three cases treated by prompt reoperation (Baladi et al). 1996;132:1272-5 (Brief comm.)

Repeat coronary angioplasty as the treatment of choice for restenosis (Kitazume et al). 1996;132:711-6

Reperfusion

β -Estradiol, but not α -estradiol, reduces myocardial necrosis in rabbits after ischemia and reperfusion (Hale et al). 1996;132:258-62

Heart rate variability during the first 24 hours of successfully reperfused acute myocardial infarction: paradoxical decrease after reperfusion (Chakkro et al). 1996;132:586-92

Potential clinical implications of abnormal myocardial perfusion patterns immediately after reperfusion in a canine model: a myocardial contrast echocardiography (Kates et al). 1996;132:303-13

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Reperfusion—cont'd

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Ventricular premature beat-driven intermittent restoration of coronary blood flow reduces the incidence of reperfusion-induced ventricular fibrillation in a cat model of regional ischemia (Na et al). 1996;132:78-83

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Acute myocardial infarction, reperfusion injury, and intravenous magnesium therapy: basic concepts and clinical implications (Steuer et al). 1996;132:478-82 (Symposium)

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Detection of coronary calcification with electron-beam computed tomography: evaluation of interexamination reproducibility and comparison of three image-acquisition protocols (Wang et al). 1996;132:550-8

Respiratory function tests

Effect of percutaneous transluminal coronary angioplasty on exercise ventilation in patients with coronary artery disease and normal left ventricular function (Ajisaka et al). 1996;132:48-53

Restenosis; see Coronary disease entries

Resuscitation

Active compression-decompression versus standard cardiopulmonary resuscitation in a porcine model: no improvement in outcome (Kern et al). 1996;132:1156-62

Retirement

Circadian, day-of-week, and seasonal variability in myocardial infarction: comparison between working and retired patients (Spielberg et al). 1996;132:579-85

Revascularization

Patent double internal mammary artery implants (Vineberg's procedure) 27 years later with development of collaterals supplying the left anterior descending and circumflex coronary arteries (Bashour et al). 1996;132:1285-7 (Brief comm.)

Rhabdomyoma

Ventricular tachycardia caused by cardiac rhabdomyoma in a young adult with tuberous sclerosis (Enbergs et al). 1996;132:1263-5 (Brief comm.)

Right atrial thrombus; see Thrombosis

Right coronary artery lesions; see Coronary disease entries

Right heart failure; see Heart failure, congestive

Right ventricular cardiomyopathy; see Cardiomyopathy

Right ventricular infarction; see Infarction

Risk factors

Dipyridamole technetium 99m sestamibi myocardial tomography for preoperative cardiac risk stratification before major or minor nonvascular surgery (Stratmann et al). 1996;132:536-41

High serum concentration of lipoprotein(a) is a risk factor for restenosis after percutaneous transluminal coronary angioplasty in Japanese patients with single-vessel disease (Miyauchi et al). 1996;132:269-73

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Papillary muscle rupture after successful coronary artery bypass procedures: report of three cases treated by prompt reoperation (Baladi et al). 1996;132:1272-5 (Brief comm.)

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S

Saphenous vein

Intravascular imaging of serial changes of disease in saphenous vein grafts after coronary artery bypass grafting (Komiyama et al). 1996;132:30-40

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Pericardial tamponade from Kaposi's sarcoma: role of early pericardial window (Vijay et al). 1996;132:897-9 (Brief comm.)

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Sick sinus syndrome

Congenital defect of the left pericardium with sick sinus syndrome (Hano et al). 1996;132:1293-5 (Brief comm.)

Signal-averaged electrocardiography; see Electrocardiography

Single ventricle; see Heart defects, congenital

Sinoatrial node

Anomalous sinus node artery originating from the left main coronary artery (Holdaway et al). 1996;132:449-51 (Brief comm.)

Sinus of Valsalva

Fatal myocardial ischemia caused by compression of the left coronary system by a large left sinus of Valsalva aneurysm (Bashour et al). 1996;132:1050-2 (Brief comm.)

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Sotalol

Effect of parenteral d-sotalol on transvenous atrial defibrillation threshold in a canine model of atrial fibrillation (Iskos et al). 1996;132:116-9

Long-term results of electrophysiologically guided sotalol therapy for life-threatening ventricular arrhythmias (Lee et al). 1996;132:973-8

Suppression of ventricular tachycardia by sotalol in myotonic dystrophy (Cohen et al). 1996;132:446-9 (Brief comm.)

Spontaneous coronary artery dissection; see Dissection

ST-segment; see Electrocardiography

Stellate ganglion

Effective therapy with transthoracic video-assisted endoscopic coagulation of the left stellate ganglion and upper sympathetic trunk in congenital long-QT syndrome (Wong et al). 1996;132:1060-3 (Brief comm.)

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Bailout stenting for extensive dissection complicating direct infarct angioplasty (Altmann et al). 1996;132:191-2 (Brief comm.)

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No subacute thrombosis and femoral bleeding complications under full anticoagulation in 150 consecutive patients receiving non-heparin-coated intracoronary Palmaz-Schatz stents (Lee et al). 1996;132:1135-46

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Ultrasound-guided treatment of acute coronary stent thrombosis (Pasquetti et al). 1996;132:1081-4 (Brief comm.)

Sternal fracture hematoma; see Hematoma

Stress, psychological

Transient coronary occlusion with mental stress (Papademetriou et al). 1996;132:1299-1301 (Brief comm.)

Stress echocardiography; see Echocardiography, stress

Stroke; see Cerebrovascular disorders

Stroke volume

Benefit of converting enzyme inhibition on left ventricular volumes and ejection fraction in patients receiving β-blockade after myocardial infarction (Bonarjee et al). 1996;132:71-7

Estimation of regional end-systolic wall stress during exercise in coronary artery disease (Ginzton et al). 1996;132:733-46

Immediate and long-term effect of mitral balloon valvotomy on left ventricular volume and systolic function in severe mitral stenosis (Fawzy et al). 1996;132:356-60

Subclavian artery

Bullet embolus from the heart to the right subclavian artery af-

Subclavian artery—cont'd
ter gunshot wound to the right chest (Bilsker et al). 1996; 132:1093-4 (Brief comm.)

Substance abuse
Cocaine-induced aortic dissection (Rashid et al). 1996;132: 1301-4 (Brief comm.)

Sudden cardiac death; see Death, sudden

Sudden death; see Death, sudden

Supraventricular tachycardia; see Tachycardia, supraventricular

Surgical equipment; see also Equipment and supplies
Transcatheter closure with single or multiple Gianturco coils of patent ductus arteriosus in infants weighing ≤ 8 kg: retrograde versus antegrade approach (Hijazi et al). 1996;132: 827-35

Surgical wound dehiscence
Progressive dehiscence and dynamic compression of an aortic root homograft: detection and characterization by transesophageal echocardiography (Nagueh et al). 1996;132:1070-3 (Brief comm.)

Syncope
Comparative study of the efficacy of metoprolol and verapamil in patients with syncope and positive head-up tilt test response (Jhamb et al). 1996;132:608-11

Exercise-induced neurocardiogenic syncope (Kosinski et al). 1996;132:451-2 (Brief comm.)

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Contrast enhancement of mitral regurgitation to estimate left ventricular systolic pressure (Donovan and Armstrong). 1996;132:884-6 (Brief comm.)

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T

T-wave alternans; see Electrocardiography

Tachycardia
Comparison of the ages of tachycardia onset in patients with atrioventricular nodal reentrant tachycardia and accessory pathway-mediated tachycardia (Goyal et al). 1996;132:765-7

Tachycardia, atrioventricular nodal reentry
Catheter-induced atrioventricular nodal block during radiofrequency ablation (King et al). 1996;132:979-85

Comparison of atrial-His intervals in patients with and without dual atrioventricular nodal physiology and atrioventricular nodal reentrant tachycardia (Bogun et al). 1996; 132:758-64

Comparison of the ages of tachycardia onset in patients with atrioventricular nodal reentrant tachycardia and accessory pathway-mediated tachycardia (Goyal et al). 1996;132:765-7

Long-term outcome after radiofrequency catheter ablation of atrioventricular nodal reentrant tachycardia with the anterior-approach method (Pires et al). 1996;132:125-9

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Tachycardia, ventricular
Erythromycin-induced polymorphous ventricular tachycardia with normal QT interval (Chennareddy et al). 1996;132:691-4 (Brief comm.)

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Suppression of ventricular tachycardia by sotalol in myotonic dystrophy (Cohen et al). 1996;132:446-9 (Brief comm.)

Ventricular tachycardia caused by cardiac rhabdomyoma in a young adult with tuberous sclerosis (Enbergs et al). 1996; 132:1263-5 (Brief comm.)

Takayasu's arteritis; see Pulseless disease

Technetium Tc 99m
Technetium 99m-Q12 kinetics in perfused rat myocardium: effects of hypoxia and low flow (Okada et al). 1996;132: 108-15

Technetium Tc 99m sestamibi
Dipyridamole technetium 99m sestamibi myocardial tomography for preoperative cardiac risk stratification before major or minor nonvascular surgery (Stratmann et al). 1996;132: 536-41

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Dynamic planar myocardial perfusion imaging in patients with one-vessel disease with intracoronary injection of technetium 99m teboroxime during papaverine-induced coronary hyperemia (Tartagni et al). 1996;132:1042-7 (Prog. cardiol.)

Tertiary-care hospital; see Hospitals

Tetralogy of Fallot
Congenital absence of the pulmonary valve with tetralogy of Fallot with associated aortic stenosis and patent ductus arteriosus: a prenatal diagnosis (Rowland et al). 1996;132:1075-7 (Brief comm.)

Double-balloon dilatation of a stenosed bioprosthetic tricuspid valve in repaired tetralogy of Fallot (Benito et al). 1996;132:891-2 (Brief comm.)

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Cardiac complications in noncardiac surgery: relative value of resting two-dimensional echocardiography and dipyridamole thallium imaging (Kontos et al). 1996;132:559-66

Thoracic injuries
Acute myocardial infarction caused by blunt chest trauma: successful treatment by direct coronary angioplasty (Marcum et al). 1996;132:1275-7 (Brief comm.)

Bullet embolus from the heart to the right subclavian artery after gunshot wound to the right subclavian artery (Bilsker et al). 1996;132:1093-4 (Brief comm.)

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Three-dimensional echocardiography; see Echocardiography, three dimensional

Thromboembolism
Cancer and venous thromboembolism (Piccoli et al). 1996; 132:850-5 (Curriculum cardiol.)

Thrombolytic therapy
Management of acute myocardial infarction: evaluating the past, practicing in the present, elaborating the future (Glogar et al). 1996;132:465-70 (Symposium)

Thrombolytic enhancement with perfluorocarbon-exposed sonicated dextrose albumin microbubbles (Porter et al). 1996; 132:964-8

Thrombomodulin; see Glycoproteins

Thrombophlebitis

Bolus recombinant urokinase versus heparin in deep venous thrombosis: a randomized controlled trial (Goldhaber et al). 1996;132:314-8

Epidemiologic characteristics, management, and outcome of deep venous thrombosis in a tertiary-care hospital: the Brigham and Women's Hospital DVT Registry (Piccoli et al). 1996;132:1010-4

Thrombosis
Free-floating left atrial thrombus: medical management directed by transesophageal echocardiography (Harpaz et al). 1996;132:1311-3 (Brief comm.)

Intracardiac thrombus formation associated with a nonpenetrating gunshot wound of the right ventricular outflow tract demonstrated by transesophageal echocardiography (Nishiooka et al). 1996;132:1265-7 (Brief comm.)

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Thrombosis—cont'd

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Ultrasound-guided treatment of acute coronary stent thrombosis (Pasquett et al). 1996;132:1081-4 (Brief comm.)

Thrombosis, venous; see Thrombophlebitis

Tilt test

Comparative study of the efficacy of metoprolol and verapamil in patients with syncope and positive head-up tilt test response (Jhamb et al). 1996;132:608-11

Tobacco smoke pollution

L-Arginine decreases infarct size in rats exposed to environmental tobacco smoke (Zhu et al). 1996;132:91-100

Tomography

Detection of coronary calcification with electron-beam computed tomography: evaluation of interexamination reproducibility and comparison of three image-acquisition protocols (Wang et al). 1996;132:550-8

Dipyridamole technetium 99m sestamibi myocardial tomography for preoperative cardiac risk stratification before major or minor nonvascular surgery (Stratmann et al). 1996;132:536-41

Tomography, emission-computed, single-photon

Myocardial contrast echocardiography in human beings: correlation of resting perfusion defects to sestamibi single photon emission computed tomography (Meza et al). 1996;132:528-35

Trandolapril Cardiac Evaluation study

Angiotensin-converting enzyme inhibition after myocardial infarction: the Trandolapril Cardiac Evaluation study (Torp-Pedersen et al). 1996;132:235-43 (Symposium)

Transcatheter occlusion; see Arterial occlusive diseases

Transducers

Distortion of intravascular ultrasound images because of non-uniform angular velocity of mechanical-type transducers (Kimura et al). 1996;132:328-36

Transient coronary occlusion; see Arterial occlusive diseases

Transplant waiting list; see Heart transplantation

Transplantation, homologous

Progressive dehiscence and dynamic compression of an aortic root homograft: detection and characterization by transesophageal echocardiography (Naguchi et al). 1996;132:1070-3 (Brief comm.)

Transpulmonary lipid-fluorocarbon; see Fluorocarbons

Transthoracic echocardiography; see Echocardiography, transthoracic

Transthoracic endoscopic coagulation; see Blood coagulation

Transurethral resection syndrome; see Prostatectomy

Tricuspid papillary muscle rupture; see Papillary muscles

Tricuspid valve

Double-balloon dilatation of a stenosed bioprosthetic tricuspid valve in repaired tetralogy of Fallot (Benito et al). 1996;132:891-2 (Brief comm.)

Tuberous sclerosis

Ventricular tachycardia caused by cardiac rhabdomyoma in a young adult with tuberous sclerosis (Enbergs et al). 1996;132:1263-5 (Brief comm.)

Two-dimensional echocardiography; see Echocardiography, two-dimensional

Type A personality

Effect of type A behavioral counseling on frequency of episodes of silent myocardial ischemia in coronary patients (Friedman et al). 1996;132:933-7

U

Ultrasonography

Distortion of intravascular ultrasound images because of non-uniform angular velocity of mechanical-type transducers (Kimura et al). 1996;132:328-36

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What have we learned from in vitro intravascular ultrasound? (Gussenoven et al). 1996;132:702-10 (Editorial)

Unroofed coronary sinus; see Heart septal defects, atrial

Unstable angina; see Angina, unstable

Urokinase

Bolus recombinant urokinase versus heparin in deep venous thrombosis: a randomized controlled trial (Goldhaber et al). 1996;132:314-8

V

Valvuloplasty; see Balloon dilatation

Varicose veins

Chronic venous insufficiency: mechanisms and management (Ibrahim et al). 1996;132:856-60 (Curriculum cardiol.)

Vascular hypertrophy; see Hypertrophy

Vascular patency

Repeat coronary angioplasty as the treatment of choice for restenosis (Kitazume et al). 1996;132:711-6

Vasoactive intestinal peptide

Early increase of vasoactive intestinal peptide in acute myocardial infarction (Lucia et al). 1996;132:187-9 (Brief comm.)

Vasodilation

Influence of intrinsic limb vasodilator capacity on exercise tolerance in patients with recent myocardial infarction (Hattori et al). 1996;132:593-8

Vasodilator agents

A novel inotropic vasodilator, OPC-18790, reduces myocardial oxygen consumption and improves mechanical efficiency with congestive heart failure (Kanda et al). 1996;132:361-8

Venous insufficiency

Chronic venous insufficiency: mechanisms and management (Ibrahim et al). 1996;132:856-60 (Curriculum cardiol.)

Venous thrombosis; see Thrombophlebitis

Ventricular arrhythmias; see Arrhythmia

Ventricular end-systolic volume; see Stroke volume

Ventricular fibrillation

Dobutamine-induced ST segment elevation and ventricular fibrillation with nonsignificant coronary artery disease (Shaheen et al). 1996;132:1058-60 (Brief comm.)

Ventricular premature beat-driven intermittent restoration of coronary blood flow reduces the incidence of reperfusion-induced ventricular fibrillation in a cat model of regional ischemia (Na et al). 1996;132:78-83

Ventricular function, left

Effects of changes in atrioventricular gradient and contractility on left ventricular filling in human diastolic cardiac dysfunction (Lenihan et al). 1996;132:1179-88

Effects of exercise training on left ventricular filling at rest and during exercise in patients with ischemic cardiomyopathy and severe left ventricular systolic dysfunction (Belardinelli et al). 1996;132:61-70

Immediate and long-term effect of mitral balloon valvotomy on left ventricular volume and systolic function in severe mitral stenosis (Fawzy et al). 1996;132:356-60

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Inotropic stimulation by dobutamine increases left ventricular regional function at the expense of metabolism in hibernating myocardium (Indolfi et al). 1996;132:542-9

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Ventricular function, left—cont'd

blockers on left ventricular structure and function in essential hypertension (Schobel et al). 1996;132:1004-9

Ventricular myxoma; see Myxoma**Ventricular pacing; see Cardiac pacing, artificial****Ventricular premature beat; see Extrasystole****Ventricular pseudoaneurysm; see Heart aneurysm****Ventricular tachycardia; see Tachycardia, ventricular****Verapamil**

Comparative study of the efficacy of metoprolol and verapamil in patients with syncope and positive head-up tilt test response (Jhamb et al). 1996;132:608-11

Effects of verapamil, propranolol, and procainamide on adenosine-induced negative dromotropism in human beings (Lai et al). 1996;132:768-75

Novel delivery system for verapamil designed to achieve maximal blood pressure control during the early morning (Neutel et al). 1996;132:1202-6

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Vineberg's procedure; see Revascularization**W****Warfarin**

Evolving models of warfarin management: anticoagulation clinics, patient self-monitoring and patient self-management (Ansill and Hughes). 1996;132:1095-1100 (Editorial)

Wiktor stent; see Stents**Wolff-Parkinson-White syndrome**

Left phrenic nerve paresis complicating catheter radiofre-

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Radiofrequency ablation therapy of the posteroseptal accessory pathway (Wen et al). 1996;132:612-20

Work

Circadian, day-of-week, and seasonal variability in myocardial infarction: comparison between working and retired patients (Spielberg et al). 1996;132:579-85

Wounds, gunshot

Bullet embolus from the heart to the right subclavian artery after gunshot wound to the right chest (Bilsker et al). 1996;132:1093-4 (Brief comm.)

Intracardiac thrombus formation associated with a nonpenetrating gunshot wound of the right ventricular outflow tract demonstrated by transesophageal echocardiography (Nishioka et al). 1996;13. 1996;132:1265-7 (Brief comm.)

Wounds, nonpenetrating

Acute myocardial infarction caused by blunt chest trauma: successful treatment by direct coronary angioplasty (Marcum et al). 1996;132:1275-7 (Brief comm.)

Intracardiac thrombus formation associated with a nonpenetrating gunshot wound of the right ventricular outflow tract demonstrated by transesophageal echocardiography (Nishioka et al). 1996;132:1265-7 (Brief comm.)

Wounds, penetrating

Nonhemorrhagic cardiac tamponade after penetrating chest trauma (Narins et al). 1996;132:197-8 (Brief comm.)

Wounds and injuries

Transesophageal echocardiography in the evaluation of cardiothoracic trauma (Molod and Felner). 1996;132:841-9 (Curriculum cardiol.)

